

## Chapter V.—STATISTICS OF CITIES.

The term "city," as used in this report, covers all incorporated places (including New England towns, except in Connecticut). The practice of publishing census statistics of manufactures for individual cities was begun at the census of 1870. Prior to this census the state, and the county were the only political divisions for which separate manufactures statistics were given in the census reports. Beginning with the census of 1870 certain cities have been selected at each census for separate presentation. For 1870 the statistics for 100 cities were shown separately; for 1889, those for 165 cities; for 1890, those for 1,340 cities; for 1904, those for 435 cities; for 1909, those for 593 cities; for 1914, those for 656 cities; and for 1919, those for 747 cities. The basis of selection has differed at each census. For 1870, there were 279 cities chosen for special canvass, although statistics were published only for the 100 largest cities; for 1889, statistics for 1,042 cities and towns were collected by special canvass, but statistics were published separately only for places of 20,000 inhabitants or over. For 1890 the selection was based on quite a different principle; 1,340 places were selected, in advance of the enumeration, to be canvassed by special agents, because it was thought that the work could be done to greater advantage by them than by the population enumerators, who collected the statistics of manufactures elsewhere at that census, and the statistics were published for all cities thus selected. Some of these 1,340 places had both a smaller population and less manufacturing business than some canvassed by the enumerators.

For the census of 1904 separate figures were published for all places of 8,000 inhabitants or over, and for 1909, 1914, and 1919 for all places of 10,000 or more. It has not been considered desirable to incur the heavy expense of segregating the schedules for smaller places in making the tabulations and publishing the results. In the case of many small places a large part of the manufacturing business, which to all intents and purposes belongs to them, is conducted in establishments located outside the municipal boundaries. For such places data based only on establishments within the boundaries would be misleading, and, on the other hand, it would be impossible to determine precisely in a large number of cases what outside establishments should properly be considered as pertaining to a given city or village. This condition often exists also in the case of cities of more than 10,000 inhabitants. Many manufacturers desirous of operating with all the advantages of an urban location, such as a plentiful supply of labor, good shipping facilities, and the like, purposely build their plants just outside the city limits in order to escape as many of its expenses and restrictions as possible. The corporate limits of some cities, moreover, have been extended so as to take in important manufacturing suburbs, while the boundaries of others have remained unchanged, although important manufacturing suburbs have developed. The real importance of a city as a manufacturing center, therefore, can not be ascertained, except by combining with the establishments actually located in the city all the neighboring manufacturing establishments identified or closely associated with its industrial development. The difficulty of determining in each case just which establishments should be so combined renders it impracticable to make such a compilation of the figures for all the cities. Consequently, the statistics for individual cities in the present report should not be taken as showing the exact relative importance of each city as a manufacturing center in the broad sense. Many cities would rank very differently if the establishments in their suburbs were included.

In the case of a great many of the smaller cities it was impossible to give separate statistics for some of the most important industries, because to do so would result in the direct or indirect disclosure of the operations of individual concerns. It often happens, therefore, that the most important industry in a city has to be grouped under the heading of "All other industries," and in many cases the industries for which statistics could be presented separately represent less than half of the total manufacturing interests of the city. For these reasons it was not deemed advisable to present statistics for individual industries in cities of less than 50,000 inhabitants.

A large part of the statistics regarding manufactures in individual cities are presented in the reports for the separate states, where the details for the more important cities of the state are shown. The principal items covered by the manufactures census are shown for 1919, 1914, and 1909 for all industries combined in each city of 10,000 or more inhabitants and for the leading individual industries in each city of 50,000 inhabitants or over; more detailed statistics for the census of 1919 are likewise shown.

**Summary for 210 leading cities: 1919.**—Table 190 presents for the 210 cities which ranked highest in value of manufactured products, statistics in regard to population, number of establishments, average number of wage earners, value of products, value added by manufacture, and the rank in three of these items in 1919. The cities are arranged in order of rank as determined by value of products. As already indicated, the figures relate only to the manufacturing establishments actually situated within the boundaries of the respective cities. In the case of several of the cities establishments outside the boundary, which virtually constitute a part of the city's industrial interests, have a greater value of products than those within the city itself. Notable instances of this character among the 210 cities are Pittsburgh and Boston, which would rank decidedly higher if the suburbs of each city were included with it than they do in the table, in which the statistics are confined to establishments within the city limits.

It should be noted, further, that a number of cities not listed in the table, reported more wage earners or a greater value added by manufacture than some of the cities in the table, and there were 16 cities that had a product in excess of \$30,038,961 shown for Aurora, Ill., which is the last city named in the table, as follows: Gary, Ind.; Whiting, Ind.; Hamtramck, Mich.; Highland Park, Mich.; Austin, Minn.; Lackawanna, N. Y.; East Youngstown, Ohio; Berwick, Pa.; Donora, Pa.; Duquesne, Pa.; Farrell, Pa.; Monessen, Pa.; Steelton, Pa.; Woodlawn, Pa.; Port Arthur, Tex.; and Newport News, Va. Statistics for these cities can not be shown without disclosing the operations of individual establishments.

New York decidedly outranks any other city in manufacturing, although in proportion to its population its manufacturing interests are relatively less important than in a considerable number of other cities. Of the total value of manufactured products for the United States in 1919, 8.4 per cent was reported from New York City.

The rank of the cities of the country with respect to manufactures is in many cases decidedly different from their rank in population. As illustrative of this condition in 1919, Kansas City, Kans., sixty-seventh in population, ranked sixteenth in value of manufactured products; Akron, Ohio, thirty-second in population and thirteenth in value of products; Winston-Salem, N. C., one hundred and forty-eighth in population and thirty-eighth in value of products. On the other hand, Los Angeles, Calif., tenth in population, was twenty-fourth in value of products; Salt Lake City, Utah, fifty-seventh in population, was two hundred and seventh in value of products; and Albany, N. Y., sixtieth in population, was one hundred and fifty-fifth in value of products.

TABLE 190.—LEADING CITIES: 1919.

CITY.	Population (1920).	Number of estab- lishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
			Average number.	Rank.	Amount.	Rank.	Amount.	Rank.
New York, N. Y.	5,020,048	32,590	638,775	1	\$5,260,707,577	1	\$2,399,231,459	1
Chicago, Ill.	2,701,705	10,537	403,942	2	3,657,424,471	2	1,278,182,243	2
Philadelphia, Pa.	1,823,779	9,064	281,105	3	1,906,481,074	3	840,140,755	3
Detroit, Mich.	904,678	2,176	167,016	4	1,234,519,842	4	578,606,379	4
Cleveland, Ohio	796,841	2,946	157,730	5	1,091,577,400	5	478,128,046	5
St. Louis, Mo.	772,897	3,205	107,019	6	871,700,438	6	330,874,091	6
Baltimore, Md.	733,820	2,797	97,814	7	677,878,492	7	250,122,088	7
Buffalo, N. Y.	508,775	2,003	75,899	12	634,409,733	8	233,789,004	13
Boston, Mass.	748,060	3,077	88,750	8	618,921,962	9	269,316,071	7
Pittsburgh, Pa.	588,343	1,875	83,290	11	614,726,978	10	247,861,081	9
Newark, N. J.	414,524	2,155	80,707	9	577,608,504	11	239,646,896	11
Milwaukee, Wis.	457,147	2,003	84,222	10	576,161,312	12	234,393,099	12
Akron, Ohio	208,435	304	65,054	14	558,902,067	13	244,590,473	10
Cincinnati, Ohio	401,247	2,239	69,680	13	500,040,990	14	203,760,553	14
Minneapolis, Minn.	380,582	1,421	38,154	27	491,382,975	15	128,548,940	19
Kansas City, Kans.	101,177	196	22,830	50	468,686,423	16	51,167,968	64
Omaha, Nebr.	191,601	561	21,304	56	452,236,684	17	69,133,007	45
San Francisco, Calif.	506,676	2,360	48,550	18	417,321,277	19	155,903,034	17
Indianapolis, Ind.	314,194	1,004	49,077	17	398,606,553	20	131,912,215	18
Jersey City, N. J.	298,103	896	36,981	30	374,182,924	21	110,761,704	25
Rochester, N. Y.	295,750	1,307	63,702	15	351,416,370	22	187,133,325	16
Toledo, Ohio	243,164	671	42,090	22	203,520,900	23	120,233,281	23
Los Angeles, Calif.	576,673	2,540	47,118	19	278,184,143	24	118,364,712	24
Flint, Mich.	91,599	107	24,603	45	275,779,688	25	102,955,874	28
Seattle, Wash.	315,312	1,229	40,843	25	274,431,239	26	124,780,864	22

TABLE 190.—LEADING CITIES: 1919—Continued.

CITY.	Population (1920).	Num- ber of estab- lish- ments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
			Average number.	Rank.	Amount.	Rank.	Amount.	Rank.
Providence, R. I.	237,595	1,274	53,372	16	\$267,629,283	27	\$127,302,659	20
Bayonne, N. J.	76,754	152	14,094	79	260,602,109	28	63,731,208	60
Youngstown, Ohio	132,358	239	19,414	60	241,458,370	29	78,359,633	36
Perth Amboy, N. J.	41,707	124	9,107	123	230,658,263	30	31,351,080	108
Camden, N. J.	116,309	336	40,006	24	218,165,277	31	105,061,047	28
Paterson, N. J.	135,875	1,044	37,217	28	216,659,174	32	101,697,761	30
New Bedford, Mass.	121,217	267	41,630	23	210,773,312	33	88,202,554	32
Worcester, Mass.	179,754	618	38,073	26	208,705,773	35	102,524,771	29
Bridgeport, Conn.	143,555	443	42,862	21	208,089,707	36	125,776,942	21
Louisville, Ky.	234,891	767	29,902	36	204,565,727	37	78,466,310	35
Winston-Salem, N. C.	48,395	93	12,366	96	200,484,834	38	103,221,877	27
Portland, Oreg.	258,288	846	26,813	40	196,380,110	39	84,993,567	33
Kansas City, Mo.	324,410	997	22,137	53	192,815,052	40	68,505,148	46
Columbus, Ohio	237,031	690	26,751	41	184,021,849	41	71,302,610	49
Lawrence, Mass.	94,270	194	30,319	34	183,440,096	42	72,490,480	39
New Orleans, La.	87,219	873	26,641	42	182,708,561	43	60,490,062	44
Dayton, Ohio	152,559	571	31,131	31	174,000,607	44	66,630,139	31
Fall River, Mass.	120,485	293	37,015	20	163,246,082	45	67,065,698	48
Lynn, Mass.	99,148	442	27,355	39	160,905,792	46	73,836,446	37
Richmond, Va.	171,687	550	21,750	54	150,724,322	47	67,280,390	47
Syracuse, N. Y.	171,717	643	28,153	38	150,091,278	48	75,407,894	38
St. Paul, Minn.	234,698	818	22,640	51	149,638,290	49	64,467,830	49
Sioux City, Iowa	71,227	251	6,749	157	146,393,134	50	21,131,710	146
Reading, Pa.	107,784	527	20,122	37	141,560,881	52	58,847,003	59
Yonkers, N. Y.	100,170	218	11,932	101	140,016,501	53	33,566,621	101
Lowell, Mass.	112,750	201	30,111	35	137,801,538	54	60,809,030	55
Pawtucket, R. I.	64,248	284	24,446	47	135,517,533	56	58,044,788	61
Oakland, Calif.	216,261	593	23,347	49	134,765,470	57	70,778,506	41
Waterbury, Conn.	91,715	253	30,322	33	130,193,040	58	62,881,149	52
Passaic, N. J.	63,841	234	18,303	64	129,073,484	59	52,160,861	63
Cambridge, Mass.	100,694	330	22,550	52	127,864,901	60	58,737,078	60
Birmingham, Ala.	178,806	329	17,264	68	127,214,048	61	40,395,154	74
New Haven, Conn.	162,537	769	30,874	32	125,455,547	62	70,158,742	42
Denver, Colo.	256,491	1,007	16,635	70	125,411,270	63	46,071,326	69
Canton, Ohio	87,091	287	20,336	58	124,292,024	64	59,215,309	58
Trenton, N. J.	119,289	389	24,547	46	122,477,087	65	62,010,537	53
Wilmington, Del.	110,168	262	21,420	55	121,039,617	66	60,552,173	57
Racine, Wis.	58,593	230	15,812	75	120,027,399	67	61,425,075	54
Hartford, Conn.	138,036	504	26,284	43	118,002,003	68	69,683,438	43
Brockton, Mass.	66,254	217	18,059	65	117,855,023	69	43,141,744	75
Memphis, Tenn.	162,351	370	11,963	100	117,717,820	70	39,593,146	82
Manchester, N. H.	78,384	165	25,512	44	117,403,082	71	45,705,557	71
Lorain, Ohio	87,295	55	11,677	103	116,908,816	72	50,913,831	65
Atlanta, Ga.	200,616	503	15,730	77	113,991,946	73	46,121,080	69
Grand Rapids, Mich.	137,634	611	23,548	48	109,135,056	74	57,973,394	62
Schenectady, N. Y.	88,723	131	21,002	87	106,531,182	75	60,670,785	56
McKeesport, Pa.	46,781	82	11,909	102	105,058,713	76	46,215,120	68
Pontiac, Mich.	34,273	78	7,682	146	104,900,133	77	38,203,071	89
Lansing, Mich.	57,327	147	12,349	97	104,722,115	78	39,740,775	80
Kenosha, Wis.	40,472	84	13,045	91	103,725,717	79	42,327,072	76
Tacoma, Wash.	96,965	348	10,714	108	103,171,756	80	29,898,339	100
Bethlehem, Pa.	50,358	86	14,001	81	102,867,075	81	47,188,040	67
Somerville, Mass.	98,091	140	6,111	175	99,558,613	82	12,461,172	207
Springfield, Mass.	129,614	401	18,429	62	98,332,055	83	50,520,775	66
Haverhill, Mass.	53,884	405	15,783	76	96,270,833	84	30,058,570	84
Chester, Pa.	58,030	127	18,677	61	95,940,003	85	43,276,788	74
Dallas, Tex.	158,976	457	7,913	144	93,649,654	86	28,146,461	112
Woonsocket, R. I.	43,496	190	14,387	87	93,546,778	87	32,640,273	103
Holyoke, Mass.	60,203	176	17,773	67	93,426,775	88	42,266,793	77
Cedar Rapids, Iowa	45,506	208	6,284	171	92,118,386	89	20,062,457	152
New Castle, Pa.	44,938	87	8,014	130	91,370,618	90	26,804,347	118
Allentown, Pa.	73,502	836	14,812	83	90,834,484	91	39,714,454	81
Johnstown, Pa.	67,327	149	12,855	93	90,408,742	92	37,043,617	93
Chicago, Mass.	36,214	60	10,068	115	89,772,534	93	43,314,163	73
East Chicago, Ind.	35,967	61	8,057	125	89,598,753	94	26,234,676	120

TABLE 190.—LEADING CITIES: 1919—Continued.

CITY.	Population (1920).	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
			Average number.	Rank.	Amount.	Rank.	Amount.	Rank.
Niagara Falls, N. Y.	50,760	186	12,238	99	\$89,247,170	95	\$38,186,804	90
Houston, Tex.	138,276	383	9,860	117	86,874,480	96	29,082,240	110
Joliet, Ill.	38,442	186	11,259	106	82,669,536	99	33,667,858	100
Kearny, N. J.	26,724	49	14,860	82	80,832,074	100	38,132,137	91
Utica, N. Y.	94,156	370	16,423	71	77,745,720	101	35,536,871	97
East St. Louis, Ill.	66,767	157	8,785	127	77,292,812	102	23,389,934	133
Fort Wayne, Ind.	86,549	247	16,344	72	76,713,262	103	38,804,767	87
Elizabeth, N. J.	95,783	226	18,386	63	76,440,515	104	36,808,707	94
South Bend, Ind.	70,983	214	14,702	84	75,339,165	105	36,633,018	95
Richmond, Calif.	16,843	40	4,305	207	75,315,608	106	27,576,486	114
Duluth, Minn.	98,917	226	10,472	114	75,261,387	107	32,231,983	105
Rockford, Ill.	65,651	312	14,992	80	74,918,055	108	38,352,044	88
Troy, N. Y.	72,013	253	15,920	74	74,837,435	109	39,041,201	85
Wheeling, W. Va.	56,208	243	8,622	129	72,630,728	110	26,330,679	119
Nashville, Tenn.	118,342	391	10,666	110	71,108,252	112	25,662,259	124
Durham, N. C.	21,719	74	5,977	179	70,050,339	113	35,990,264	96
Erie, Pa.	93,372	293	13,297	89	70,407,540	114	38,908,688	86
Hoboken, N. J.	68,186	280	15,933	73	70,311,540	115	39,283,642	83
Evansville, Ind.	85,204	299	12,526	95	70,230,419	116	26,081,627	122
Oklahoma City, Okla.	91,295	227	4,375	206	69,970,788	118	11,326,614	212
Washington, D. C.	437,571	595	10,482	113	68,826,570	119	37,886,470	92
Quincy, Mass.	47,876	162	19,653	50	68,535,406	120	44,360,630	72
Springfield, Ohio	60,840	206	12,264	98	67,750,001	121	33,568,702	99
New Britain, Conn.	59,316	116	17,212	69	63,621,960	123	41,455,903	78
Middletown, Ohio	23,594	56	6,442	168	62,888,289	124	27,151,077	116
Harrison, N. J.	15,721	63	13,026	92	61,766,542	125	32,349,752	104
Des Moines, Iowa	126,468	379	7,085	154	59,830,954	126	26,640,392	117
York, Pa.	47,512	273	13,368	88	59,588,904	127	30,214,530	108
Hammond, Ind.	36,004	94	6,005	177	59,276,319	128	19,324,580	159
Fitchburg, Mass.	41,029	121	9,907	116	58,164,812	129	22,109,929	138
Chattanooga, Tenn.	57,805	281	10,588	111	58,021,825	130	25,507,113	125
Cicero, Ill.	44,995	92	14,754	85	57,918,418	131	34,942,233	98
Macon, Ga.	52,995	135	6,457	167	57,721,238	132	12,518,134	205
Pearl, Ill.	76,121	253	7,977	141	57,074,893	134	21,155,975	145
Battle Creek, Mich.	36,164	118	6,680	159	56,130,953	135	28,151,062	111
Muskegon, Mich.	36,570	141	9,716	118	55,969,347	136	30,293,618	107
Sranton, Pa.	137,783	311	14,467	86	54,629,522	137	25,683,872	123
Altoona, Pa.	60,331	64	12,800	94	53,940,003	138	22,780,418	135
Peabody, Mass.	19,552	91	8,013	140	52,906,722	139	21,590,914	143
Amsterdam, N. Y.	33,524	117	10,713	109	52,851,242	140	22,135,378	137
Harrisburg, Pa.	75,917	216	10,522	112	52,152,818	141	26,114,223	121
Knoxville, Tenn.	77,818	194	11,384	104	51,694,298	142	20,959,584	147
St. Joseph, Mo.	77,939	219	5,943	180	50,697,198	143	17,345,706	170
Jackson, Mich.	48,374	156	9,620	119	49,517,712	144	19,520,000	156
Nashua, N. H.	23,379	92	8,264	136	48,985,184	145	17,029,919	173
Fresno, Calif.	45,086	223	3,903	212	48,943,823	146	11,825,605	210
Taunton, Mass.	37,137	167	8,981	124	48,330,638	147	20,544,073	143
Lancaster, Pa.	53,150	285	9,444	121	48,025,759	148	21,305,352	144
Norwood, Ohio.	24,966	70	8,283	135	47,947,183	149	27,724,313	113
Ansonia, Conn.	17,643	50	6,102	176	47,730,411	150	14,254,482	195
Watertown, Mass.	21,457	25	8,420	134	47,297,519	151	27,563,346	115
Hamilton, Ohio.	30,675	130	8,553	138	47,024,031	152	24,886,589	130
Kalamazoo, Mich.	48,487	185	7,629	148	46,254,917	153	22,018,574	139
Topeka, Kans.	50,022	169	5,597	186	45,707,711	154	14,474,647	192
Albany, N. Y.	113,344	382	11,216	107	45,454,955	155	23,972,184	132
Ottumwa, Iowa	23,003	94	2,601	223	45,020,524	157	8,528,413	224
Moline, Ill.	30,734	61	5,444	191	44,871,021	158	22,183,217	136
Butler, Pa.	23,778	77	3,744	214	44,470,790	159	10,737,053	219
Superior, Wis.	39,671	94	6,102	173	44,042,214	160	16,729,268	176
Casper, Wyo.	11,447	43	1,886	224	43,580,560	161	10,403,816	157
Saginaw, Mich.	61,903	208	9,472	120	43,146,125	164	21,830,363	142
Charlotte, N. C.	46,338	111	5,161	193	43,095,898	165	12,090,513	208
Granite City, Ill.	14,757	37	5,493	190	43,039,044	166	17,278,473	171
New Brunswick, N. J.	32,779	138	7,673	147	42,624,947	167	24,444,419	128
Tampa, Fla.	51,608	268	13,079	90	42,461,377	168	25,188,284	126

## CENSUS OF MANUFACTURES: 1919.

TABLE 190.—LEADING CITIES: 1919—Continued.

CITY.	Population (1920).	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
			Average number.	Rank.	Amount.	Rank.	Amount.	Rank.
Wilkesbarre, Pa.	73,833	179	9,408	122	\$41,986,203	169	\$21,902,859	140
Terre Haute, Ind.	66,083	257	6,458	106	41,967,818	170	15,061,938	186
Chicago Heights, Ill.	19,653	103	5,328	102	41,788,147	171	18,686,656	104
Williamsport, Pa.	36,198	145	8,566	131	41,658,834	172	18,403,536	160
Pittsfield, Mass.	41,763	90	8,570	130	41,613,356	173	21,895,100	141
Auburn, N. Y.	36,192	154	7,272	152	40,642,435	174	16,772,301	176
Binghamton, N. Y.	66,800	228	7,477	150	40,637,625	175	18,803,663	103
Garfield, N. J.	10,381	56	5,025	136	40,233,553	176	19,724,104	154
Spokane, Wash.	104,437	364	4,752	108	40,149,381	177	14,497,804	191
Stamford, Conn.	35,006	116	7,939	142	39,121,451	179	19,015,237	162
Anderson, Ind.	29,767	90	7,928	143	38,930,509	180	16,840,310	174
Gloversville, N. Y.	22,075	206	5,612	185	38,013,000	181	16,512,885	178
Kokomo, Ind.	30,067	98	6,727	158	38,709,165	182	17,116,457	172
Decatur, Ill.	45,518	103	5,603	183	38,683,680	183	13,995,903	106
Wichita, Kans.	72,217	238	3,045	221	38,580,182	184	11,234,212	215
Fort Worth, Tex.	106,482	229	4,452	204	38,160,032	185	12,502,858	200
Jamestown, N. Y.	38,917	153	8,559	201	37,985,306	186	20,065,859	151
Easthampton, Mass.	11,261	28	4,142	210	37,942,121	187	10,888,213	218
Huntington, W. Va.	50,177	115	6,556	164	37,707,241	188	15,992,888	181
Michigan City, Ind.	19,457	47	3,462	217	37,360,551	189	10,235,034	221
Augusta, Ga.	52,548	93	5,156	194	37,100,571	190	12,830,836	204
Portsmouth, Ohio	33,011	60	5,914	181	36,645,730	191	16,407,080	179
West Allis, Wis.	13,745	34	6,070	155	36,477,071	192	20,172,077	150
North Adams, Mass.	22,282	65	6,023	178	36,203,737	193	13,917,945	168
Everett, Mass.	40,120	104	4,623	202	35,775,728	194	16,710,647	177
Columbus, Ga.	31,125	74	8,087	137	35,601,512	195	14,655,612	188
Waterloo, Iowa	36,230	161	4,620	201	35,481,225	196	12,088,611	200
San Antonio, Tex.	161,370	318	6,614	180	35,455,578	197	13,206,972	203
Rome, N. Y.	26,341	71	4,428	205	34,868,480	198	11,498,337	211
Roanoke, Va.	50,842	90	7,740	145	34,864,211	199	19,314,203	161
Attleboro, Mass.	19,731	144	6,763	156	34,471,577	200	13,901,897	183
Dubuque, Iowa	39,141	131	6,147	174	34,277,085	201	14,325,197	194
Meriden, Conn.	20,467	162	8,794	126	34,261,304	202	18,609,902	165
Sacramento, Calif.	65,008	304	6,341	170	34,108,080	203	16,388,021	180
Elmira, N. Y.	49,393	142	8,024	138	33,491,164	204	19,336,661	158
Wyandotte, Mich.	13,851	20	6,214	172	33,382,791	206	19,942,807	133
Salt Lake City, Utah	118,110	415	6,362	169	33,356,911	207	15,937,802	132
Muncie, Ind.	36,524	121	6,550	163	33,175,525	208	14,365,274	193
Alliance, Ohio	21,003	74	5,117	195	32,871,087	209	18,081,050	167
Davenport, Iowa	56,727	219	3,928	211	32,587,239	211	17,025,334	216
Chelsea, Mass.	43,184	123	6,580	162	32,536,518	212	15,833,334	184
Olean, N. Y.	20,506	66	4,669	200	32,121,169	213	9,132,838	223
Mansfield, Ohio	27,824	132	4,711	199	31,877,551	214	14,518,413	190
Sheboygan, Wis.	30,955	160	6,467	165	31,407,124	215	14,783,734	137
Plymouth, Mass.	13,045	31	2,971	222	31,349,533	216	9,822,400	222
Jacksonville, Fla.	91,558	244	7,163	153	31,212,404	217	13,612,059	200
Alton, Ill.	24,682	60	3,236	210	31,030,083	218	11,261,989	214
Steubenville, Ohio	28,508	87	3,855	213	30,901,344	219	14,527,594	189
Bristol, Conn.	20,020	68	7,592	149	30,689,070	220	17,702,371	168
Stockton, Calif.	40,296	208	3,534	216	30,675,808	221	11,264,861	213
Berlin, N. H.	16,104	25	4,230	208	30,652,592	222	13,313,638	202
Salem, Mass.	42,529	153	5,072	184	30,437,937	223	13,310,404	201
Clinton, Iowa	24,151	119	3,452	217	30,321,143	224	10,976,010	217
Danville, Va.	21,530	41	5,827	182	30,183,404	225	13,892,714	109
Aurora, Ill.	36,397	133	6,608	161	30,038,961	226	17,355,417	109

**Distribution according to size of communities.**—It is of interest to know the extent to which the manufacturing enterprises of the country are located in the larger cities as compared with the smaller cities and rural districts. Some indication of this is given in Table 191, which distributes the total number of establishments, average number of wage earners, value of products, and value added by manufacture reported in 1919, 1914, and 1909, by classes of places, the classes distinguished being cities of 100,000 inhabitants and over, cities of 25,000 to 100,000 inhabitants, cities of 10,000 to

25,000 inhabitants, and the remainder of the country, the latter including the smaller cities, towns, and other incorporated places and the rural districts. The aggregate population of each group in 1920 and 1910 and the estimated population for 1914 are also given.

In considering this table it should be noted that each place is classed at each census according to its population at that census, so that the same community may be in one class in 1909, and in another class in 1914 or in 1919; and consequently the change in the totals for any given class of communities from 1909 to 1914 or 1914 to 1919 should not be taken as measuring the increase in manufacturing business in the same communities.

TABLE 191.—STATISTICS OF CITIES BY POPULATION GROUPS: 1919, 1914, AND 1909.

	Cen-	Num-	Popula-	Number	Wage	Value	Value
	year.	of cities.	Population. <sup>1</sup>	of estab-	(average number).	of prod-	added by
Expressed in thousands.							
Aggregate.....	1919	105,710,620	290,105	9,006,372	\$62,418,079	\$25,041,698	
	1914	98,711,324	275,791	7,036,217	24,246,435	9,878,346	
	1909	91,972,266	268,491	6,615,046	20,672,052	8,520,261	
Total for cities having a population of 10,000 or over.....	1919	747	44,723,547	166,079	6,406,335	45,201,763	18,543,531
	1914	656	38,627,333	150,844	4,701,501	16,814,653	7,058,885
	1909	593	34,021,620	135,735	4,309,431	14,281,855	5,999,238
Per cent of aggregate.....	1919		42.3	57.2	70.4	72.6	74.1
	1914		30.1	54.7	66.8	69.3	71.5
	1909		37.0	50.6	65.1	69.1	70.3
10,000 to 25,000.....	1919	460	6,953,433	22,486	977,319	6,031,095	2,476,530
	1914	401	6,092,386	20,705	741,745	2,190,432	920,361
	1909	365	5,490,015	18,940	676,289	1,958,245	804,065
Per cent of aggregate.....	1919		6.6	7.7	10.7	9.7	9.9
	1914		6.2	7.5	10.5	9.1	9.3
	1909		6.0	7.1	10.2	9.5	9.4
25,000 to 100,000.....	1919	219	10,340,788	31,285	1,630,698	10,744,903	4,475,044
	1914	194	8,834,570	28,431	1,143,908	4,125,531	1,582,171
	1909	178	8,204,960	26,989	1,118,412	3,593,829	1,423,190
Per cent of aggregate.....	1919		9.8	10.8	18.0	17.2	17.0
	1914		8.9	10.3	16.3	17.0	16.0
	1909		8.9	10.1	16.9	17.4	16.7
100,000 and over.....	1919	68	27,429,326	112,308	3,789,318	28,515,765	11,591,957
	1914	61	23,700,377	101,648	2,815,878	10,492,690	4,556,363
	1909	50	20,317,645	89,797	2,514,730	8,729,781	3,771,974
Per cent of aggregate.....	1919		25.9	38.7	41.7	45.7	46.3
	1914		24.0	36.0	40.0	43.2	46.1
	1909		22.1	33.4	38.0	42.2	44.2
Districts outside of cities having a population of 10,000 or over.....	1919		60,987,073	124,026	2,600,037	17,126,316	6,498,167
	1914		60,153,001	124,947	2,354,650	7,431,782	2,819,363
	1909		57,050,646	132,756	2,305,615	6,390,197	2,530,023
Per cent of aggregate.....	1919		57.7	42.8	20.6	27.4	25.9
	1914		60.9	45.3	33.2	30.7	28.6
	1909		63.0	49.4	34.9	30.9	29.7

<sup>1</sup> Population of 1920, as of January 1, 1920; 1915, estimated population as of July 1, 1914 (per reports census of manufactures, 1914); 1910, as of April 15, 1910.

In 1919, 747 places of 10,000 inhabitants or over, gave employment to 70.4 per cent of the total average number of wage earners employed in manufactures and reported 72.6 per cent of the total value of products and 74.1 per cent of the value added by manufacture.

Character of ownership: 1919.—Table 192 (p. 290) presents for the 179 leading cities as measured by value of products, the number of manufacturing establishments owned by individuals, corporations, and other classes of ownership, respectively, the average number of wage earners and the value of products for each class.

The class designated "all others" is composed chiefly of firms. Included under corporations are a large number of close corporations which formerly were firms, but which were incorporated in 1919. The cities are arranged according to total value of products, which in general conforms to the sequence for corporations.

**Detailed statistics of cities.**—Table 193 shows for each city having 10,000 inhabitants or over in the census year, and for which statistics can be shown without disclosing individual operations, some of the principal items covered by the manufactures censuses of 1919, 1914, 1909, and 1904. The selections for 1904 are based upon the population census of 1900, those for 1909 upon the population census of 1910, those for 1914 upon the estimated population for that year, and those for 1919, upon the population census of 1920. The cities are arranged alphabetically under the name of the state in which they are located. For each state also the combined totals for all of the cities covered for the respective years are presented.

Statistics are not shown separately for the following cities that had a population of 10,000 or over in 1919: Gary and Whiting, Ind.; Hamtramck and Highland Park, Mich.; Austin, Minn.; Lackawanna, N. Y.; Berwick, Donora, Duquesne, Farrell, Monessen, Steelton, and Woodlawn, Pa.; Port Arthur, Tex.; and Newport News, Va.; and for 1914, Cicero, Ill.; Gary, Ind.; Virginia, Minn.; Independence, Mo.; West Orange, N. J.; Lackawanna, N. Y.; Coatesville, Dickson City, Duquesne, Farrell (formerly South Sharon), Monessen, North Braddock, Old Forge, and Steelton, Pa.; and Newport News, Va. Such a large proportion of the industries of each of these places is represented by one ownership, that to publish the statistics would virtually disclose the operations of individual establishments.

**Establishments classified by average number of wage earners and prevailing hours of labor: 1919.**—Table 194 (p. 332) gives for the 210 cities which ranked highest in value of products the number of establishments grouped according to the average number of wage earners employed and the average number of wage earners in each group of establishments. The table also shows the average number of wage earners classified according to the prevailing hours of labor per week in the establishment where they were employed.

TABLE 192.—ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, FOR 170 LEADING CITIES: 1919.

CITY.	NUMBER OF ESTAB- LISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS OWNED BY—			VALUE OF PRODUCTS OF ESTABLISHMENTS OWNED BY—		
	Indi- viduals.	Cor- pora- tions.	All others.	Indi- viduals.	Corpora- tions.	All others.	Indi- viduals.	Corpora- tions.	All others.
Expressed in thousands.									
New York, N. Y.	14,921	8,606	8,973	102,607	409,035	127,133	\$754,136	\$9,287,177	\$1,219,305
Chicago, Ill.	4,730	4,269	1,538	24,381	300,005	18,958	162,693	3,353,430	141,281
Philadelphia, Pa.	4,980	2,132	1,952	30,863	214,640	35,602	194,345	1,551,205	250,931
Detroit, Mich.	772	1,085	319	4,025	180,884	3,107	27,422	1,188,068	19,030
Cleveland, Ohio	1,091	1,461	394	5,106	148,704	3,770	20,577	1,032,038	29,362
St. Louis, Mo.	1,399	1,429	377	5,594	99,743	2,582	29,175	827,975	14,580
Baltimore, Md.	1,497	782	518	9,218	78,565	10,031	60,613	553,441	63,824
Buffalo, N. Y.	1,037	701	265	4,560	68,828	2,515	27,105	587,906	10,399
Boston, Mass.	1,305	1,218	404	9,562	71,330	7,868	53,395	501,768	63,761
Pittsburgh, Pa.	851	704	320	3,825	76,570	2,805	22,370	575,010	10,729
Newark, N. J.	914	922	319	4,905	75,803	5,810	31,113	510,040	30,456
Milwaukee, Wis.	991	849	233	3,201	78,423	2,508	19,306	541,873	14,082
Akron, Ohio	101	162	41	304	64,448	217	2,202	554,000	1,761
Cincinnati, Ohio	912	882	445	5,723	57,185	6,802	32,376	422,406	45,260
Minneapolis, Minn.	547	618	256	2,122	34,278	1,754	11,142	409,518	10,723
Kansas City, Kans.	93	66	37	286	22,371	182	2,350	403,857	2,470
Omaha, Nebr.	223	246	92	790	20,174	340	5,280	443,761	3,187
San Francisco, Calif.	1,046	713	601	5,241	37,377	5,932	32,131	312,910	72,874
Indianapolis, Ind.	348	527	120	1,000	46,266	1,721	8,604	377,951	12,113
Jersey City, N. J.	449	305	142	2,370	32,866	1,745	14,520	345,834	13,820
Rochester, N. Y.	629	549	189	4,967	55,195	3,630	15,420	316,570	19,417
Toledo, Ohio	244	330	91	1,180	40,054	8,536	8,338	281,196	3,787
Los Angeles, Calif.	1,318	685	537	5,738	36,747	4,033	20,607	224,851	23,666
Flint, Mich.	49	39	19	237	24,185	181	1,727	272,855	1,198
Seattle, Wash.	406	568	197	1,702	38,183	958	12,355	355,893	6,484
Providence, R. I.	618	415	241	3,885	46,418	3,060	15,210	237,900	14,513
Bayonne, N. J.	76	52	24	471	14,233	290	1,861	267,901	840
Youngstown, Ohio	91	107	41	845	19,001	68	2,483	238,330	636
Perth Amboy, N. J.	61	48	15	406	8,483	248	2,228	227,973	457
Camden, N. J.	138	152	46	673	30,104	1,069	3,081	207,217	6,967

TABLE 192.—ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, FOR 179 LEADING CITIES: 1919—Continued.

CITY.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS OWNED BY—			VALUE OF PRODUCTS OF ESTABLISHMENTS OWNED BY—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
	Expressed in thousands.								
Paterson, N. J.	391	402	251	4,324	26,919	5,974	\$28,244	\$151,426	\$36,989
New Bedford, Mass.	142	88	37	753	40,890	1,187	3,931	205,223	1,619
Worcester, Mass.	237	288	93	1,838	33,864	2,971	8,788	184,467	15,451
Bridgeport, Conn.	181	198	64	726	41,465	671	3,667	200,516	3,906
Louisville, Ky.	263	418	86	1,075	27,021	1,206	5,929	193,024	5,613
Winston-Salem, N. C.	29	48	16	441	11,710	215	2,919	196,158	1,408
Portland, Oreg.	322	373	151	975	23,976	1,802	5,646	170,518	11,216
Kansas City, Mo.	433	403	161	2,194	18,400	1,543	14,607	167,444	10,764
Columbus, Ohio.	272	321	97	1,430	24,234	1,078	8,138	170,676	5,208
Lawrence, Mass.	102	73	19	902	20,291	1,266	3,655	179,056	738
New Orleans, La.	368	378	127	2,117	22,517	2,007	13,540	150,066	19,193
Dayton, Ohio.	186	204	91	967	28,900	1,264	4,563	164,347	6,081
Fall River, Mass.	150	108	37	606	38,012	3,397	3,103	157,998	2,147
Lynn, Mass.	200	158	84	4,011	21,585	1,759	20,385	117,604	16,917
Richmond, Va.	235	225	90	1,169	19,587	1,003	6,224	139,618	10,882
Syracuse, N. Y.	288	242	113	1,468	25,380	1,296	7,733	136,278	6,080
St. Paul, Minn.	343	329	146	1,414	19,113	2,122	8,338	120,454	11,846
Sioux City, Iowa	90	111	50	339	9,160	250	1,372	142,971	1,550
Reading, Pa.	273	164	90	3,635	23,822	1,066	17,210	116,482	7,869
Yonkers, N. Y.	113	63	42	341	11,195	366	2,456	135,518	2,043
Lowell, Mass.	144	103	44	1,042	28,750	319	5,213	131,118	1,471
Pawtucket, R. I.	119	123	42	639	23,522	285	3,377	128,400	3,741
Oakland, Calif.	204	167	132	964	21,064	719	5,871	124,592	4,292
Waterbury, Conn.	94	127	32	220	30,044	58	1,347	128,391	455
Passaic, N. J.	119	81	34	636	17,222	345	2,793	124,051	1,320
Cambridge, Mass.	128	107	44	969	20,225	1,356	5,023	113,118	9,724
Birmingham, Ala.	90	103	46	511	16,249	504	1,876	122,209	3,039
New Haven, Conn.	392	245	132	1,822	26,929	2,123	8,049	108,417	8,990
Denver, Colo.	514	412	171	1,420	14,472	743	8,243	113,100	3,978
Canton, Ohio.	103	148	36	468	19,694	174	2,081	120,623	989
Trenton, N. J.	194	152	43	850	23,172	525	4,916	115,085	2,477
Wilmington, Del.	114	110	38	481	20,695	244	4,097	114,364	2,579
Racine, Wis.	90	110	30	296	15,345	171	1,872	115,703	2,452
Hartford, Conn.	215	190	99	1,231	24,257	776	6,036	106,435	4,032
Brockton, Mass.	62	105	50	718	16,110	1,222	4,652	102,612	10,591
Memphis, Tenn.	145	172	62	684	10,509	770	5,189	105,136	7,393
Manchester, N. H.	68	60	37	1,204	23,786	522	5,021	109,587	2,885
Lorain, Ohio.	14	29	12	40	11,594	43	2,265	116,270	374
Atlanta, Ga.	157	252	94	1,338	18,265	1,136	5,985	102,004	6,003
Grand Rapids, Mich.	266	259	86	1,077	21,517	954	5,273	99,196	4,666
Schenectady, N. Y.	69	36	26	260	20,744	58	1,705	104,377	4,449
McKeesport, Pa.	29	29	24	96	11,714	99	1,721	103,778	560
Pontiac, Mich.	22	26	30	69	7,453	100	538	102,902	1,460
Lansing, Mich.	54	70	23	223	12,022	104	1,705	101,619	1,338
Kenosha, Wis.	38	30	16	186	12,770	80	959	102,250	517
Tacoma, Wash.	130	155	63	440	9,000	305	2,622	97,402	3,148
Bedford, Pa.	37	37	12	145	14,780	30	779	101,423	365
Somerville, Mass.	73	52	15	544	5,368	201	2,882	95,106	1,511
Springfield, Mass.	171	160	61	1,050	15,420	1,929	5,960	84,047	7,726
Haverhill, Mass.	166	126	113	3,427	8,794	3,502	20,497	51,142	24,038
Chester, Pa.	59	48	20	603	17,405	609	3,371	88,110	4,468
Dallas, Tex.	190	179	88	697	6,514	702	4,891	84,662	4,097
Woonsocket, R. I.	91	68	31	612	13,379	396	2,385	89,116	2,046
Holyoke, Mass.	74	80	22	351	16,584	838	2,278	88,018	3,138
Cedar Rapids, Iowa	85	76	47	256	5,877	151	1,035	89,509	974
New Castle, Pa.	20	41	17	84	7,839	91	458	90,288	025
Allentown, Pa.	157	104	75	967	12,485	1,360	3,494	81,401	5,939
Johnstown, Pa.	62	61	26	258	12,407	195	2,370	88,907	1,192
Chicopee, Mass.	25	29	6	124	9,916	28	547	88,997	229
East Chicago, Ind.	12	41	8	36	8,907	14	108	89,178	283

## CENSUS OF MANUFACTURES: 1919.

TABLE 192.—ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, FOR 179 LEADING CITIES: 1919—Continued.

CITY.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS OWNED BY—			VALUE OF PRODUCTS OF ESTABLISHMENTS OWNED BY—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
Expressed in thousands.									
Niagara Falls, N. Y.	64	89	33	190	11,933	115	\$1,337	\$87,081	\$829
Houston, Tex.	172	144	67	853	7,375	1,632	5,675	71,086	9,213
Joliet, Ill.	72	72	22	698	10,502	59	2,383	70,865	422
Kearny, N. J.	19	27	3	107	14,751	2	476	80,325	31
Utica, N. Y.	173	134	63	786	15,272	365	4,235	71,806	1,615
East St. Louis, Ill.	63	82	12	152	8,601	32	1,416	75,600	187
Fort Wayne, Ind.	97	105	45	427	15,582	335	2,257	72,185	2,271
Elizabeth, N. J.	93	92	41	293	17,497	506	1,486	72,625	2,329
South Bend, Ind.	92	95	27	565	14,016	211	2,885	71,130	1,315
Richmond, Calif.	11	21	8	15	4,266	24	166	75,008	142
Duluth, Minn.	67	128	31	357	9,878	237	1,566	71,124	2,571
Rockford, Ill.	94	180	38	399	13,416	1,177	2,170	67,561	5,198
Troy, N. Y.	104	107	42	661	12,605	2,003	2,059	61,837	10,321
Wheeling, W. Va.	107	104	32	383	7,886	333	2,348	59,339	10,953
Nashville, Tenn.	136	169	36	605	8,758	1,213	6,490	56,610	6,008
Durham, N. C.	30	26	18	120	5,774	74	561	60,731	367
Erie, Pa.	119	133	41	550	12,341	307	3,705	64,920	1,733
Hoboken, N. J.	136	96	48	697	14,637	509	5,184	61,905	3,223
Evansville, Ind.	108	155	36	607	9,640	2,279	3,178	60,771	6,281
Oklahoma City, Okla.	79	109	39	277	3,929	160	1,700	66,995	1,180
Washington, D. C.	309	178	108	1,617	8,086	779	8,789	53,177	6,861
Quincy, Mass.	87	30	45	566	18,818	269	2,628	64,605	1,502
Springfield, Ohio.	75	96	35	722	11,161	381	4,143	61,105	2,511
New Britain, Conn.	49	54	13	175	16,978	59	921	62,133	568
Middletown, Ohio.	18	30	8	78	6,347	17	419	62,186	233
Harrison, N. J.	29	25	9	258	12,543	225	1,495	50,153	1,119
Des Moines, Iowa	136	190	53	503	6,261	321	2,052	55,006	1,873
York, Pa.	131	96	46	904	11,373	1,091	3,967	51,533	4,089
Hammond, Ind.	31	48	15	70	5,029	66	550	58,263	403
Fitchburg, Mass.	46	55	20	253	8,259	1,305	1,082	42,555	14,528
Chattanooga, Tenn.	100	152	29	604	9,620	364	2,605	53,857	1,070
Clearc, Ill.	44	40	8	66	14,615	73	553	57,024	341
Macon, Ga.	38	70	27	167	5,772	518	721	54,545	2,455
Peoria, Ill.	107	105	41	509	7,103	365	2,898	51,112	3,065
Battle Creek, Mich.	55	48	15	151	6,493	36	1,278	54,634	328
Muskegon, Mich.	52	66	28	175	9,415	126	1,218	54,120	622
Scranton, Pa.	141	128	42	1,123	12,254	1,090	4,406	46,069	4,185
Altoona, Pa.	34	16	14	243	12,398	159	1,928	51,215	803
Peabody, Mass.	36	42	13	441	7,293	270	1,808	48,659	2,380
Amsterdam, N. Y.	51	31	35	171	7,001	2,551	773	38,704	13,374
Harrisburg, Pa.	97	72	47	432	9,318	772	2,702	46,071	3,377
Knoxville, Tenn.	60	110	24	456	10,561	367	1,752	48,604	1,248
St. Joseph, Mo.	93	100	26	259	5,572	112	1,660	48,258	770
Jackson, Mich.	59	73	24	400	9,030	190	1,682	46,658	1,178
Nashua, N. H.	40	34	18	340	7,198	717	1,625	44,243	3,217
Fresno, Calif.	115	49	59	402	2,097	1,404	4,200	25,595	19,050
Taunton, Mass.	84	70	18	215	8,038	128	1,289	46,482	560
Lancaster, Pa.	173	64	48	973	7,517	984	4,504	35,707	7,815
Norwood, Ohio.	23	40	7	71	8,188	24	341	47,446	109
Ansonia, Conn.	31	13	6	250	6,835	17	1,420	46,163	153
Watertown, Mass.	4	15	6	15	8,049	386	93	44,068	2,237
Hamilton, Ohio.	52	54	24	143	8,020	390	710	41,851	1,487
Kalamazoo, Mich.	66	94	25	428	7,076	125	1,957	43,717	581
Topeka, Kans.	79	52	38	1,081	4,230	286	4,705	36,531	4,472
Albany, N. Y.	177	139	66	861	6,516	840	3,605	39,281	2,569
Ottumwa, Iowa.	40	38	10	273	2,097	231	1,368	42,403	1,169
Moline, Ill.	14	37	10	113	6,307	24	484	44,212	176
Butler, Pa.	38	20	19	114	3,490	140	995	42,514	968
Superior, Wis.	36	39	19	136	5,927	99	752	42,407	884

TABLE 192.—ESTABLISHMENTS CLASSIFIED BY CHARACTER OF OWNERSHIP, FOR 179 LEADING CITIES: 1919—Continued.

CITY.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS OWNED BY—			VALUE OF PRODUCTS OF ESTABLISHMENTS OWNED BY—		
	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.	Individuals.	Corporations.	All others.
	Expressed in thousands.								
Saginaw, Mich.	80	88	40	345	8,683	444	\$2,072	\$38,734	\$2,340
Charlotte, N. C.	29	73	9	323	4,761	77	1,557	41,042	497
Granite City, Ill.	15	15	7	26	5,422	45	188	42,699	154
New Brunswick, N. J.	70	51	17	256	7,154	263	990	41,084	551
Tampa, Fla.	125	69	69	735	10,672	1,672	2,739	35,021	4,701
Wilkes-Barre, Pa.	86	53	40	369	8,347	692	1,718	35,710	4,558
Terre Haute, Ind.	118	99	40	325	5,744	389	1,882	37,902	2,184
Chicago Heights, Ill.	33	54	16	79	5,204	45	531	41,027	230
Williamsport, Pa.	56	67	22	358	8,000	208	2,148	33,550	961
Pittsfield, Mass.	39	36	15	103	7,730	737	710	37,440	3,463
Auburn, N. Y.	77	42	35	331	6,634	307	1,536	37,490	1,616
Binghamton, N. Y.	100	86	42	418	6,690	369	2,014	37,117	507
Garfield, N. J.	32	20	4	149	4,571	5	393	39,791	50
Spokane, Wash.	141	160	60	381	4,178	193	1,851	36,985	1,310
Stamford, Conn.	49	44	23	199	7,337	403	897	36,133	2,091
Anderson, Ind.	31	55	13	191	7,086	51	1,275	37,152	504
Gloversville, N. Y.	87	60	59	837	2,888	1,887	5,653	24,237	9,023
Kokomo, Ind.	33	44	21	129	6,528	70	811	37,057	841
Decatur, Ill.	37	54	12	106	5,120	167	788	37,228	668
Wichita, Kans.	112	72	54	429	2,419	197	2,702	34,500	1,372
Fort Worth, Tex.	98	85	46	493	3,577	382	2,799	30,316	5,045
Jamestown, N. Y.	31	89	33	182	7,451	946	476	33,269	4,240
Easthampton, Mass.	13	10	5	31	3,416	995	100	28,472	9,370
Huntington, W. Va.	37	67	11	203	6,221	132	1,317	35,982	408
Michigan City, Ind.	23	21	3	54	3,373	25	283	36,969	109
Augusta, Ga.	25	46	22	131	4,891	134	538	35,693	930
Portsmouth, Ohio	25	27	8	110	5,771	33	1,119	35,292	235
West Allis, Wis.	7	27	—	19	6,951	—	121	36,356	—
North Adams, Mass.	32	23	10	171	5,816	36	663	35,326	215
Everett, Mass.	29	61	14	351	3,759	413	1,949	30,997	2,830

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904.

NOTE.—The figures for some cities do not agree with those published in 1914, 1909, and 1904, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city. Statistics of power are not available for the census of 1904.

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
UNITED STATES:									
747 cities	1910	108,079	6,406,335	10,486,688	31,229,868	7,597,780	26,748,232	45,291,763	18,543,531
656 cities	1914	150,844	4,701,591	11,442,017	15,182,404	2,820,067	9,755,768	16,814,653	7,058,885
593 cities	1909	135,735	4,309,431	8,952,510	12,123,487	2,335,035	8,282,617	14,281,855	5,999,238
435 cities	1904	108,984	3,463,564	—	8,187,242	1,719,154	5,569,549	9,846,778	4,277,229
ALABAMA:									
10 cities	1910	815	39,876	288,286	220,283	44,046	151,751	235,709	83,957
7 cities	1914	730	28,315	179,386	97,068	12,961	45,288	75,774	30,486
7 cities	1909	878	19,164	56,994	48,700	9,137	29,278	49,040	19,762
3 cities	1904	820	8,423	—	12,775	3,548	8,460	16,413	7,953
Aniston	1919	48	2,085	12,803	7,974	2,556	6,372	11,105	4,733
	1914	40	2,327	4,985	3,810	1,023	2,546	4,385	1,819
	1909	39	2,107	9,810	4,345	870	2,824	4,333	1,509

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.									
Expressed in thousands of dollars.																		
<b>ALABAMA—Contd.</b>																		
Bessemer.....	1919	34	2,107	19,846	15,882	2,848	12,750	18,443	5,093									
	1914	47	1,772	15,700	6,659	1,069	3,838	6,023	2,185									
	1909	30	1,753	14,963	7,444	909	3,083	5,801	1,818									
Birmingham.....	1919	329	17,264	170,319	115,459	19,804	86,819	127,214	40,395									
	1914	352	10,863	118,180	55,844	6,505	25,512	43,144	17,632									
	1909	248	8,909	55,311	23,718	4,392	14,010	24,128	10,118									
	1904	122	3,987	.....	5,739	1,700	3,949	7,593	3,644									
Dothan.....	1919	30	230	1,224	1,119	180	1,296	1,707	471									
Florence.....	1919	26	744	3,804	4,100	600	2,312	3,798	1,485									
Gadsden.....	1919	39	2,852	30,929	18,280	3,230	9,395	13,825	4,430									
	1914	34	2,005	22,003	15,650	1,268	2,840	4,583	1,844									
	1909	27	780	1,524	987	355	904	1,525	621									
Mobile.....	1919	147	8,223	25,641	48,563	10,142	11,678	27,410	15,732									
	1914	133	2,604	4,854	5,975	1,300	2,790	5,855	3,065									
	1909	126	2,362	5,945	5,250	1,199	2,030	5,429	2,490									
	1904	139	2,496	.....	3,824	1,169	2,322	4,942	2,620									
Montgomery.....	1919	97	3,658	12,007	12,550	3,413	13,029	21,102	7,473									
	1914	83	2,539	9,797	7,212	1,271	4,869	7,780	2,911									
	1909	73	2,284	6,355	5,234	1,003	3,023	5,442	2,419									
	1904	59	1,940	.....	3,212	640	2,180	3,878	1,089									
Selma.....	1919	41	1,703	5,434	4,088	1,374	6,317	9,484	2,747									
	1914	41	1,145	3,777	1,910	619	2,964	4,024	1,030									
	1909	35	813	2,080	1,722	349	1,505	2,382	787									
Tuscaloosa.....	1919	24	404	1,189	1,200	420	764	1,561	707									
<b>ARIZONA:</b>																		
2 cities.....	1919	147	2,002	4,500	5,255	2,564	6,877	11,897	5,020									
2 cities.....	1914	104	1,022	3,756	2,942	894	2,006	3,937	1,931									
2 cities.....	1909	92	859	2,072	2,160	754	2,134	3,904	1,370									
Phoenix.....	1919	110	861	2,844	3,517	1,020	5,079	8,141	3,062									
	1914	75	446	1,779	1,980	418	1,340	2,530	1,184									
	1909	57	304	660	1,258	242	864	1,467	603									
Tucson.....	1919	37	1,141	1,056	1,738	1,544	1,798	3,750	1,938									
	1914	29	576	1,077	902	476	660	1,407	747									
	1909	35	555	1,403	902	612	1,270	2,037	707									
<b>ARKANSAS:</b>																		
5 cities.....	1919	504	11,170	36,804	34,077	11,904	33,908	57,426	23,518									
5 cities.....	1914	370	7,221	21,047	17,259	4,390	12,008	20,972	8,904									
5 cities.....	1909	338	6,998	19,404	14,396	3,965	10,076	18,000	7,983									
3 cities.....	1904	201	4,445	.....	8,915	1,903	5,063	9,519	4,420									
Fort Smith.....	1919	115	2,875	8,474	9,634	2,685	9,001	14,813	5,722									
	1914	108	1,433	5,111	4,440	803	2,750	4,040	1,898									
	1909	83	1,455	4,202	3,208	741	2,060	3,730	1,733									
	1904	63	1,049	.....	1,728	481	1,113	2,320	1,216									
Hot Springs.....	1919	70	342	1,910	1,100	317	820	1,042	822									
	1914	42	241	993	580	146	208	327	329									
	1909	71	335	1,044	770	210	303	844	541									
Little Rock.....	1919	242	3,680	13,616	13,880	3,338	14,401	23,168	8,707									
	1914	149	2,207	7,308	5,943	1,315	4,205	7,755	3,460									
	1909	125	2,017	6,019	6,045	1,080	4,014	6,882	2,868									
	1904	104	1,971	.....	4,493	938	2,559	4,090	2,131									
N. Little Rock.....	1919	30	2,784	5,361	8,712	3,000	3,000	8,708	4,808									
	1914	21	2,041	2,239	1,795	1,424	1,005	3,420	1,701									
	1909	17	2,073	2,415	1,700	1,350	2,309	4,217	1,818									
Pine Bluff.....	1919	47	1,680	6,937	6,751	1,304	6,036	6,095	3,459									
	1914	55	1,260	5,306	4,501	702	3,080	4,518	1,518									
	1909	42	1,118	4,584	2,585	605	1,354	2,387	1,033									
	1904	34	1,425	.....	2,696	574	1,421	2,500	1,070									
<b>CALIFORNIA:</b>																		
25 cities.....	1919	7,824	105,311	880,008	606,700	204,705	705,363	1,191,378	486,015									
21 cities.....	1914	6,636	85,734	206,094	365,502	66,430	227,020	388,082	161,033									
21 cities.....	1909	5,573	69,522	136,004	207,088	63,514	108,708	203,882	126,714									
10 cities.....	1904	8,975	62,076	.....	102,722	40,634	121,427	217,917	96,490									
Alameda.....	1919	52	6,787	9,308	11,812	8,788	10,672	26,441	14,769									
	1914	52	1,087	8,492	8,686	1,028	1,003	2,780	1,733									
	1909	51	915	1,526	8,002	707	929	2,554	1,025									
	1904	30	279	.....	541	241	233	697	464									
Bakersfield.....	1919	78	1,178	3,381	3,972	1,005	3,170	5,600	2,529									
	1914	51	894	2,480	2,749	879	1,623	2,928	1,305									
	1909	27	746	910	1,791	664	1,700	2,819	1,119									

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.									
Expressed in thousands of dollars.																		
<b>CALIFORNIA—Contd.</b>																		
Berkeley.....	1919	113	2,319	7,506	16,564	2,694	19,492	28,331	\$,339									
	1914	95	1,328	3,503	5,814	1,054	4,769	7,321	2,552									
	1909	84	1,084	2,433	3,465	840	2,687	4,435	1,748									
	1904	44	338		1,429	230	782	1,474	692									
Eureka.....	1919	52	977	3,939	5,514	1,189	1,791	3,960	2,169									
	1914	57	799	3,705	2,976	605	1,217	2,480	1,263									
	1909	48	940	3,901	3,306	673	1,494	3,012	1,518									
Fresno.....	1919	223	3,903	12,947	12,887	4,087	37,118	48,944	11,826									
	1914	117	2,903	4,080	7,375	1,511	12,171	16,520	4,349									
	1909	76	1,938	3,403	4,983	1,103	7,992	11,090	3,998									
	1904	80	1,915		3,430	1,062	828	9,754	2,926									
Glendale.....	1919	41	216	640	780	214	650	1,174	524									
Long Beach.....	1919	128	3,769	5,140	5,377	4,683	6,074	14,383	8,300									
	1914	94	885	2,999	3,229	606	1,546	2,945	1,399									
	1909	51	277	1,450	1,326	207	498	927	429									
Los Angeles.....	1919	2,540	47,118	97,282	159,454	55,111	159,819	278,184	118,365									
	1914	1,911	23,744	64,665	101,681	18,277	58,941	103,458	44,517									
	1909	1,325	17,327	33,168	59,518	12,588	38,913	68,586	29,673									
	1904	814	10,424		28,181	7,088	18,689	34,814	16,125									
Oakland.....	1919	593	23,347	50,040	118,882	31,579	63,977	134,756	70,779									
	1914	573	7,706	18,950	36,411	5,966	14,900	28,522	13,523									
	1909	441	6,905	13,083	18,113	5,317	11,847	22,343	10,496									
	1904	245	3,353		9,126	2,068	4,307	9,016	4,708									
Pasadena.....	1919	191	1,044	2,008	8,023	1,141	3,116	5,768	2,652									
	1914	118	636	1,782	1,601	429	869	1,972	1,103									
	1909	88	499	969	1,347	380	854	1,724	870									
Pomona.....	1919	64	535	1,324	1,734	652	1,980	3,754	1,768									
	1914	54	322	806	1,192	214	325	825	500									
	1909	30	224	334	630	152	230	560	330									
Redlands <sup>1</sup> .....	1914	28	107	379	669	81	215	522	307									
	1909	37	147	439	1,104	100	239	518	279									
Richmond.....	1919	40	4,305	27,914	31,649	7,006	47,739	75,316	27,577									
Riverside.....	1919	60	421	827	1,689	556	1,292	2,354	1,062									
	1914	68	277	769	940	241	449	1,022	573									
	1909	52	203	675	1,084	210	523	1,013	490									
Sacramento.....	1919	304	6,341	16,013	18,937	8,380	17,811	34,199	16,388									
	1914	236	5,334	13,909	13,593	4,163	9,050	16,383	7,333									
	1909	212	4,521	8,667	10,128	3,924	6,902	14,006	7,104									
	1904	156	4,203		7,359	2,952	5,144	10,073	4,929									
San Bernardino.....	1919	54	2,107	3,188	3,947	2,856	4,088	7,474	3,436									
	1914	54	1,077	1,715	1,392	825	1,420	2,613	1,193									
	1909	41	729	1,411	1,242	639	763	1,660	897									
San Diego.....	1919	206	3,427	9,468	23,175	3,600	11,014	20,226	9,212									
	1914	267	2,000	6,754	10,866	1,569	4,582	9,021	4,439									
	1909	117	1,071	3,269	5,326	800	2,667	4,741	2,074									
	1904	89	541		1,991	392	1,136	1,974	838									
San Francisco.....	1919	2,300	45,550	99,748	228,398	59,704	261,418	417,321	155,903									
	1914	2,334	31,758	61,818	145,622	25,289	97,040	162,300	65,260									
	1909	1,790	25,244	49,934	133,824	22,381	76,217	133,041	60,824									
	1904	2,251	38,429		102,362	26,015	75,946	137,788	61,842									
San Jose.....	1919	201	3,090	6,928	16,398	3,703	14,545	25,185	10,590									
	1914	225	2,029	8,947	12,212	1,327	7,140	10,906	3,660									
	1909	149	1,399	1,668	3,483	871	3,205	5,483	2,273									
	1904	153	1,260		3,083	682	2,512	4,298	1,786									
Santa Ana.....	1919	74	628	1,168	2,072	569	2,132	3,627	1,495									
Santa Barbara.....	1919	70	481	1,208	1,883	549	893	1,944	1,051									
	1914	47	276	837	943	249	332	844	512									
	1909	49	239	452	758	180	439	843	404									
Santa Cruz.....	1919	41	572	1,930	2,268	644	1,513	3,944	2,431									
	1914	70	401	2,831	3,212	266	745	1,320	575									
	1909	34	274	1,827	2,605	211	668	1,161	493									
Santa Monica.....	1919	29	136	606	837	122	232	519	287									
Stockton.....	1919	208	3,634	13,630	21,658	4,470	19,411	30,670	11,265									
	1914	157	1,919	5,147	7,702	1,604	7,432	11,293	3,861									
	1909	142	1,571	4,971	8,144	1,287	7,907	11,470	3,473									
	1904	110	1,333		5,220	904	5,850	8,030	2,180									
Vallejo.....	1919	32	478	3,903	4,265	792	15,364	18,056	2,692									
	1914	29	292	1,656	3,697	247	2,040	3,072	1,026									
	1909	23	203	1,616	1,559	184	1,404	1,896	492									
Venice.....	1919	9	48	34	105	46	96	193	97									

<sup>1</sup> Population less than 10,000 in 1920.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value added
year	estab-	(average	power.				ma-	products.	by
Expressed in thousands of dollars.									
COLORADO:									
6 cities.....	1919	1,447	20,100	51,128	89,691	23,260	91,512	118,866	54,354
6 cities.....	1914	1,113	13,004	33,331	53,654	9,421	31,776	54,409	22,633
4 cities.....	1909	946	13,440	26,144	49,012	9,455	29,329	52,481	23,152
5 cities.....	1904	905	11,935	.....	34,951	8,416	26,312	45,627	19,315
Boulder.....	1919	43	165	1,150	1,056	203	1,016	1,557	541
	1914	32	90	453	566	66	251	440	186
Colorado Springs	1919	119	714	1,220	3,474	834	2,400	4,345	1,945
	1914	74	538	1,065	2,000	401	807	1,907	1,010
	1909	59	516	907	2,023	413	823	1,733	910
	1904	49	410	.....	1,611	284	411	1,101	690
Cripple Creek <sup>1</sup> .....	1904	22	51	.....	96	44	76	223	147
Denver.....	1919	1,097	16,638	41,413	72,147	19,312	79,340	125,411	46,071
	1914	885	11,062	26,555	44,079	7,912	28,036	46,982	18,046
	1909	765	11,639	22,515	42,215	8,092	26,837	40,925	20,088
	1904	722	9,672	.....	27,433	6,711	21,000	36,000	15,660
Greeley.....	1919	31	178	602	1,195	178	1,140	1,646	506
	1914	37	170	623	804	107	581	910	329
Leadville <sup>1</sup> .....	1904	32	861	.....	8,770	716	3,884	5,446	1,562
Pueblo.....	1919	120	1,856	5,882	10,206	2,139	9,620	13,978	4,392
	1914	81	908	3,765	4,121	726	1,635	3,321	1,089
	1909	92	1,065	1,871	3,005	780	1,358	3,000	1,051
	1904	80	941	.....	2,010	661	911	2,197	1,256
Trinidad.....	1919	37	552	861	1,013	573	990	1,929	939
	1914	34	236	870	1,394	180	373	816	473
	1909	30	220	851	869	170	311	814	503
CONNECTICUT:									
18 cities.....	1919	8,200	216,701	414,668	883,654	245,397	487,841	688,101	530,200
17 cities.....	1914	2,598	159,966	272,637	421,365	90,337	203,651	390,821	187,170
15 cities.....	1909	2,383	138,080	219,378	341,345	74,708	174,890	333,125	185,235
12 cities.....	1904	1,851	106,048	.....	218,679	54,049	115,587	226,147	110,560
Ansonia.....	1919	50	6,102	19,849	22,883	7,809	33,482	47,736	14,254
	1914	42	4,313	14,494	12,168	2,412	17,212	21,499	4,287
	1909	53	4,127	13,209	9,763	2,384	14,611	20,088	5,477
	1904	49	3,394	.....	7,020	1,683	15,308	19,132	3,324
Bridgeport.....	1919	443	42,862	86,349	187,517	51,812	82,313	208,000	125,777
	1914	405	30,042	51,556	81,483	10,920	44,732	85,126	40,394
	1909	387	25,775	43,387	62,779	13,349	37,947	65,600	27,062
	1904	306	19,492	.....	49,381	9,480	22,334	44,586	22,262
Bristol.....	1919	68	7,592	18,013	30,355	9,049	12,988	30,690	17,702
	1914	90	4,180	7,131	11,900	2,375	3,906	7,808	3,662
Danbury.....	1919	108	5,033	7,069	15,103	5,049	14,206	25,745	11,539
	1914	126	5,304	6,802	7,700	2,907	5,814	10,602	4,788
	1909	131	4,810	5,660	7,786	2,858	4,879	10,318	5,439
	1904	103	4,515	.....	4,087	2,264	3,695	8,066	4,371
Derby.....	1919	46	1,567	8,624	8,845	1,931	4,322	10,386	6,064
Hartford.....	1919	504	26,264	35,100	119,606	31,441	48,319	118,003	69,684
	1914	380	17,137	22,390	63,825	11,312	17,044	42,831	25,187
	1909	396	14,627	19,410	48,085	9,374	17,803	40,680	22,817
	1904	340	11,221	.....	28,359	6,502	11,487	25,974	14,487
Meriden.....	1919	162	8,794	11,302	28,404	9,115	15,651	34,261	18,610
	1914	127	8,166	8,045	19,757	4,006	7,035	16,746	9,711
	1909	120	7,845	6,615	17,675	4,235	6,943	16,317	9,374
	1904	97	7,281	.....	16,442	3,660	5,644	13,764	8,120
Middletown.....	1919	88	3,985	6,953	20,450	3,028	10,807	18,159	7,352
	1914	72	2,389	4,569	5,982	1,292	3,258	5,643	2,385
	1909	58	2,434	3,383	3,544	1,003	2,943	4,965	2,012
Naugatuck.....	1919	27	5,630	11,662	20,994	5,172	9,308	19,993	10,685
	1914	28	3,589	7,510	7,960	2,017	4,951	9,575	4,624
	1909	24	3,464	5,907	8,642	1,967	7,320	11,033	3,704
	1904	22	3,628	7,900	1,998	7,260	11,010	3,750	
New Britain.....	1919	116	17,212	25,424	59,644	19,631	22,160	63,622	41,456
	1914	120	14,320	17,137	34,280	7,355	8,385	23,227	14,842
	1909	111	13,513	14,363	31,790	6,741	8,328	23,621	13,693
	1904	95	10,078	.....	19,980	4,687	5,608	14,960	9,292
New Haven.....	1919	709	30,874	48,473	112,966	31,483	55,207	125,460	70,150
	1914	588	24,998	38,180	65,746	14,402	27,317	67,752	30,435
	1909	588	23,497	31,257	51,953	12,732	24,152	50,870	20,718
	1904	490	21,487	.....	31,413	11,204	18,621	39,606	21,145
New London.....	1919	61	2,241	6,320	9,719	2,372	5,337	10,274	4,937
	1914	80	2,154	3,799	6,646	1,085	2,831	4,940	2,109
	1909	70	2,228	2,912	5,407	926	2,531	4,488	1,952
	1904	57	2,554	.....	4,590	1,070	2,527	4,710	2,183

<sup>1</sup> Population less than 10,000 in 1910 and 1920.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capita-	Wages.	Cost of	Value of	Value
year.	estab-	(average	(average	horse-	Capital.	ma-	products.	by	manu-
Expressed in thousands of dollars.									
CONNECTICUT—Con.									
Norwalk.....	1919	132	5,633	6,300	17,526	5,446	12,973	25,519	12,546
	1914	107	4,903	4,705	7,870	2,459	4,319	9,009	4,690
Norwich.....	1919	121	5,018	17,092	21,305	5,243	15,167	28,625	13,458
	1914	105	4,074	13,537	10,549	2,154	4,505	8,471	3,906
	1909	89	4,101	11,462	11,671	1,996	4,277	8,379	4,102
	1904	87	3,706	.....	8,475	1,694	3,043	6,222	2,979
Stamford.....	1919	116	7,939	18,544	35,888	9,417	20,106	39,121	19,015
	1914	88	5,723	7,677	16,894	3,202	6,374	12,964	6,500
	1909	86	3,984	6,554	11,926	2,350	3,704	8,739	5,025
	1904	62	3,341	.....	7,526	1,722	2,330	5,890	3,560
Torrington.....	1919	63	6,608	17,920	20,852	7,175	16,267	29,241	12,974
	1914	54	4,974	8,445	16,303	2,649	9,165	14,315	5,150
	1909	54	4,488	7,165	15,692	2,884	7,463	12,550	5,087
Waterbury.....	1919	253	30,322	62,550	122,128	35,886	67,312	130,193	62,881
	1914	190	20,189	46,714	50,288	11,503	31,618	50,659	19,041
	1909	169	20,170	37,518	44,653	11,244	28,726	50,350	21,624
	1904	143	15,406	.....	32,950	8,016	17,770	32,367	14,597
Willimantic.....	1919	43	3,626	11,495	20,556	3,486	11,820	22,987	11,167
	1914	51	3,507	9,946	12,005	1,538	4,585	9,664	4,979
	1909	47	3,020	10,506	9,919	1,235	3,194	6,733	3,539
DELAWARE:									
1 city.....	1919	262	21,420	47,359	95,711	29,347	60,488	121,040	60,552
1 city.....	1914	319	16,048	38,974	46,400	8,874	22,141	39,403	17,262
1 city.....	1909	261	14,663	29,282	38,504	7,937	21,976	38,069	16,063
1 city.....	1904	245	18,508	.....	33,102	6,513	18,121	30,285	12,104
Wilmington.....	1919	262	21,420	47,359	95,711	29,347	60,488	121,040	60,552
	1914	319	16,048	38,974	46,400	8,874	22,141	39,403	17,262
	1909	261	14,663	29,282	38,504	7,937	21,976	38,069	16,063
	1904	245	18,508	.....	33,102	6,513	18,121	30,285	12,104
DISTRICT OF COLUMBIA.....	1919	595	10,482	33,079	63,008	13,189	30,940	68,827	37,887
	1914	514	8,877	24,775	40,810	6,089	12,239	28,978	16,739
	1909	518	7,707	16,503	30,553	4,989	10,247	25,289	15,042
	1904	482	6,260	.....	20,200	3,658	7,732	18,359	10,627
FLORIDA:									
6 cities.....	1919	758	28,069	29,945	90,594	30,666	49,622	101,929	52,307
4 cities.....	1914	504	12,743	12,679	27,927	7,533	13,695	29,408	15,713
4 cities.....	1909	411	12,145	9,222	20,355	6,884	12,352	26,328	13,976
4 cities.....	1904	378	12,163	.....	14,510	6,452	9,967	22,795	12,828
Jacksonville.....	1919	244	7,168	18,350	27,270	7,292	17,000	31,213	13,618
	1914	173	2,816	7,147	13,502	1,547	5,641	10,148	4,607
	1909	114	1,988	5,165	7,068	988	3,997	6,722	2,725
	1904	125	2,650	.....	4,837	1,073	2,790	5,340	2,550
Key West.....	1919	69	2,313	1,211	3,961	2,094	2,776	6,520	3,744
	1914	65	2,037	722	2,987	1,100	1,419	3,389	1,970
	1909	56	2,431	295	1,911	1,397	1,643	3,965	2,322
	1904	73	2,466	.....	1,512	1,325	1,806	4,254	2,448
Miami.....	1919	73	708	1,860	8,891	7,45	1,223	2,723	1,500
Pensacola.....	1919	70	4,586	5,243	15,857	5,739	10,235	18,007	7,772
	1914	64	855	1,404	1,580	481	857	1,832	1,075
	1909	59	940	1,226	2,049	466	859	1,837	978
	1904	39	1,206	.....	2,147	476	820	1,937	1,117
St. Petersburg.....	1919	39	215	702	859	212	515	1,005	490
Tampa.....	1919	263	13,079	7,513	38,826	14,534	17,273	42,461	25,188
	1914	202	7,056	8,406	9,853	4,405	5,878	14,039	8,161
	1909	182	6,786	2,530	9,327	4,038	5,853	13,804	7,951
	1904	141	5,881	.....	6,014	3,578	4,651	11,264	6,713
GEORGIA:									
12 cities.....	1919	1,211	49,981	154,988	190,170	44,232	201,047	316,465	115,418
9 cities.....	1914	924	33,448	97,870	88,469	14,896	60,775	98,488	37,723
9 cities.....	1909	938	31,714	73,426	71,450	12,634	41,636	74,415	32,779
6 cities.....	1904	28	28,664	.....	51,302	9,695	31,801	56,450	24,649
Albany.....	1919	28	308	1,938	2,064	270	1,543	2,694	1,151
Athens.....	1919	43	1,190	5,440	6,058	805	4,979	7,768	2,789
	1914	48	1,308	4,303	8,230	459	1,942	3,024	1,082
	1909	37	962	2,209	1,921	294	1,329	2,112	783
	1904	28	509	.....	946	140	753	1,158	405

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—(Continued.)

(See note at head of this table, p. 293.)

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
									Expressed in thousands of dollars.
GEORGIA—Contd.									
Atlanta.....	1919	503	15,739	37,678	68,117	14,512	67,871	113,992	46,121
	1914	423	12,685	28,803	30,084	6,094	23,117	41,279	18,162
	1909	483	12,302	22,768	30,878	5,436	16,418	33,038	16,020
	1904	294	11,891	21,031	4,435	13,441	25,746	12,305	
Augusta.....	1919	93	5,156	25,872	22,507	4,003	24,330	37,161	12,831
	1914	73	4,925	16,549	13,959	1,983	8,532	12,138	3,600
	1909	71	5,073	13,324	11,060	1,741	6,602	10,450	3,854
	1904	64	4,839	8,101	1,294	5,953	8,829	2,876	
Brunswick.....	1919	46	1,029	3,236	5,391	1,967	2,003	6,101	3,588
	1914	34	743	2,692	831	230	364	811	477
	1909	23	385	712	452	191	258	672	414
Columbus.....	1919	74	8,087	25,884	26,143	6,151	20,906	35,562	14,650
	1914	71	4,802	16,922	10,561	1,835	6,368	10,619	4,251
	1909	53	4,593	14,641	7,880	1,618	5,521	8,478	2,957
	1904	52	4,434	—	5,874	1,305	4,284	7,080	2,766
La Grange.....	1919	24	3,519	10,837	16,400	2,685	12,615	20,235	7,020
Macon.....	1919	135	6,457	24,022	25,373	5,689	45,203	57,721	12,518
	1914	70	4,047	15,853	11,552	1,801	14,025	18,807	4,842
	1909	79	3,606	8,584	7,073	1,377	6,673	10,052	3,479
	1904	61	3,061	—	6,780	1,201	4,116	7,297	3,181
Rome.....	1919	64	1,070	4,937	5,351	1,340	5,872	8,699	2,827
	1914	50	1,389	2,735	2,604	539	2,206	3,301	1,095
	1909	36	1,014	2,205	1,551	320	1,078	1,804	736
Savannah.....	1919	146	3,843	8,972	16,731	3,820	10,110	18,087	7,077
	1914	128	2,347	6,774	9,110	1,103	3,180	6,343	3,163
	1909	132	2,049	6,028	9,191	1,183	3,245	6,540	3,295
	1904	122	3,230	—	8,000	1,320	3,264	6,340	3,086
Valdosta.....	1919	38	615	2,145	2,571	383	2,840	3,912	1,072
Waycross.....	1919	22	1,559	4,047	2,455	2,007	2,175	4,443	2,268
	1914	27	1,302	3,339	538	843	1,041	2,086	1,045
	1909	21	1,130	2,995	868	469	612	1,203	501
IDAHO:									
2 cities.....	1919	134	2,212	4,887	7,306	2,091	5,276	9,212	3,936
2 cities.....	1914	76	1,130	4,881	4,038	1,007	1,403	3,253	1,790
1 city.....	1909	50	411	672	1,544	308	895	1,601	766
Boise.....	1919	98	573	1,598	3,453	713	1,993	3,883	1,891
	1914	57	348	1,063	2,425	285	599	1,377	778
	1909	50	411	672	1,544	308	895	1,001	766
Pocatello.....	1919	36	1,639	3,289	3,883	1,378	3,284	5,929	2,045
	1914	19	782	3,828	2,213	782	894	1,870	1,012
ILLINOIS: <sup>1</sup>									
44 cities.....	1919	14,066	555,930	1,310,186	2,865,035	687,128	2,802,820	4,571,384	1,078,504
35 cities.....	1914	13,218	408,076	985,394	1,581,886	276,552	1,085,639	1,843,241	757,002
31 cities.....	1909	12,513	378,442	748,156	1,265,192	226,910	930,751	1,590,947	640,100
25 cities.....	1904	10,316	309,054	—	800,285	173,200	695,654	1,180,187	484,533
Alton.....	1919	60	3,236	10,032	12,814	3,111	10,775	31,037	11,292
	1914	76	2,682	8,335	8,695	1,759	8,004	12,805	4,261
	1909	69	2,429	5,453	5,585	1,528	7,282	10,080	2,834
	1904	62	3,089	—	4,002	1,728	5,423	8,697	3,274
Aurora.....	1919	133	6,008	11,429	35,308	7,687	12,084	30,030	17,358
	1914	140	4,777	7,794	14,866	3,033	5,259	10,789	5,630
	1909	165	5,095	7,906	11,427	2,936	5,581	10,054	5,373
	1904	103	4,078	—	6,800	2,068	3,638	7,320	3,761
Belleville.....	1919	141	8,160	6,212	8,786	2,896	7,680	14,017	6,337
	1914	129	2,480	4,447	5,011	1,410	2,900	5,727	2,821
	1909	119	1,872	4,647	5,641	1,002	2,324	4,615	2,291
	1904	96	1,765	—	3,084	1,011	1,787	4,357	2,570
Berwyn.....	1919	15	25	60	77	30	78	155	77
Bloomington.....	1919	83	2,818	6,196	7,831	3,306	5,567	11,520	5,938
	1914	100	2,384	4,579	5,483	1,540	2,084	4,804	2,720
	1909	107	2,077	2,877	4,762	1,180	2,527	4,868	2,841
	1904	81	2,275	—	3,347	1,228	3,493	5,777	2,285
Blue Island.....	1919	34	1,180	5,989	9,479	6,578	2,849	7,499	4,650
Cairo.....	1919	55	1,792	6,781	6,961	1,745	7,310	10,526	3,216
	1914	61	1,522	5,223	3,474	863	3,046	4,584	1,638
	1909	56	1,287	4,704	4,854	628	2,957	4,440	1,483
	1904	57	1,435	—	3,080	633	2,838	4,382	1,644

<sup>1</sup> Does not include statistics for Cicero for 1914, 1909, and 1904.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capita-	Wages.	Cost of	Value of	Value
year.	estab-	(average	(average	horse-			ma-	products.	added
				power.			terials.		by
ILLINOIS—Contd.									
Canton.....	1919	33	1,296	4,154	15,652	1,127	2,511	4,558	2,047
	1914	34	920	5,807	9,733	829	1,126	2,577	1,451
	1909	33	1,262	3,716	8,189	692	1,183	2,942	1,759
Centralia.....	1919	30	1,003	1,232	1,841	1,133	1,328	3,011	1,683
	1914	30	237	1,212	661	128	445	768	323
Champaign.....	1919	80	1,063	2,082	3,123	1,249	2,733	5,187	2,454
	1914	59	382	1,125	971	243	633	1,245	612
	1909	42	273	470	895	174	419	846	427
Chicago.....	1919	10,537	403,942	825,872	2,074,692	507,754	2,379,242	3,657,424	1,278,182
	1914	10,115	313,710	681,114	1,190,009	213,737	901,933	1,483,498	581,565
	1909	9,656	293,977	525,236	971,841	170,973	790,609	1,281,171	490,562
	1904	8,159	241,984	—	637,743	136,405	589,914	955,036	365,122
Chicago Heights.....	1919	103	5,328	27,176	36,349	7,028	23,101	41,788	18,687
	1914	77	4,288	21,002	20,350	2,947	7,685	14,486	6,801
	1909	79	3,963	10,170	10,421	2,471	5,612	10,839	5,227
Cicero <sup>1</sup> .....	1919	92	14,754	25,478	49,841	18,985	22,976	57,918	34,942
Danville.....	1919	112	3,343	8,452	14,279	3,802	8,710	15,006	6,296
	1914	100	2,109	4,735	5,020	1,346	2,928	5,291	2,363
	1909	76	1,744	3,258	2,656	1,077	1,430	3,351	1,921
	1904	70	1,884	2,102	977	1,665	3,304	1,639	1,039
Decatur.....	1919	103	5,693	10,969	31,300	6,984	24,688	38,684	13,996
	1914	126	4,003	10,634	12,550	2,324	6,666	11,957	5,291
	1909	157	2,699	6,447	6,579	1,420	5,918	9,768	3,850
	1904	116	2,340	—	4,874	1,125	5,593	8,667	3,074
East St. Louis.....	1919	157	8,785	40,027	55,317	10,936	53,903	77,293	23,390
	1914	125	5,803	18,183	28,322	4,369	17,423	26,905	9,482
	1909	138	5,226	23,238	31,157	3,233	11,361	18,104	6,743
	1904	91	4,505	—	12,854	2,494	5,690	10,586	4,890
Elgin.....	1919	80	6,846	6,891	24,782	7,726	10,818	25,649	14,831
	1914	91	5,520	5,956	17,371	3,321	4,271	10,492	6,221
	1909	114	6,067	5,984	15,998	3,364	4,029	10,537	6,508
	1904	76	4,885	—	10,980	2,713	4,090	9,349	5,259
Evanston.....	1919	101	1,406	2,450	13,989	2,105	5,696	9,791	4,095
	1914	49	924	2,249	2,617	656	2,439	3,985	1,546
	1909	60	837	1,056	4,241	590	2,350	3,778	1,428
	1904	33	733	—	1,723	384	1,583	2,551	908
Forest Park.....	1919	28	192	662	848	252	463	1,016	553
Freeport.....	1919	76	3,177	7,313	16,336	3,387	10,862	18,405	7,543
	1914	63	2,566	4,600	11,227	1,661	3,910	7,447	3,537
	1909	69	2,853	4,412	6,408	1,570	4,417	7,611	3,394
	1904	61	1,516	—	3,490	827	1,423	3,109	1,636
Galesburg.....	1919	77	2,222	5,457	6,518	2,475	5,992	10,352	4,360
	1914	60	1,362	1,984	2,488	941	1,515	3,192	1,677
	1909	62	1,465	1,968	2,454	887	1,416	2,019	1,503
	1904	58	1,447	—	1,506	756	936	2,218	1,282
Granite City.....	1919	37	5,493	25,322	41,538	8,198	25,760	43,039	17,279
	1914	39	5,090	17,556	18,867	4,007	8,845	17,903	8,058
Herrin.....	1919	12	52	149	215	69	147	285	138
Jacksonville.....	1919	59	1,091	1,830	2,857	936	5,177	7,127	1,950
	1914	63	932	2,855	1,780	499	1,360	2,355	995
	1909	67	947	1,189	1,503	487	1,307	2,299	992
	1904	55	899	—	1,817	458	1,102	1,982	880
Joliet.....	1919	166	11,259	83,226	60,591	15,714	49,002	82,670	33,068
	1914	136	4,909	45,918	28,928	3,669	20,036	30,091	10,055
	1909	137	6,383	37,744	25,586	4,435	27,758	38,817	11,059
	1904	104	5,792	—	14,136	3,699	21,269	32,897	11,638
Kankakee.....	1919	54	1,050	4,575	6,488	1,838	3,844	7,287	3,443
	1914	53	1,430	3,543	3,988	763	1,704	3,193	1,489
	1909	55	1,349	3,988	2,599	622	1,493	2,723	1,320
	1904	49	1,038	—	1,746	512	1,026	2,089	1,063
Kewanee.....	1919	37	3,909	9,107	12,110	5,223	7,339	16,278	8,940
	1914	31	2,837	5,394	8,446	1,576	2,086	5,447	2,761
La Salle.....	1919	38	1,792	20,388	16,013	2,283	5,271	9,534	4,263
	1914	30	1,214	8,342	4,753	817	3,484	5,246	1,762
	1909	28	930	5,795	2,541	593	2,683	4,328	1,645
	1904	24	1,197	—	2,053	635	1,878	3,158	1,280
Lincoln.....	1919	83	194	559	1,867	143	384	785	401
	1914	40	239	506	867	134	284	561	277
	1909	40	220	385	611	115	290	570	280

<sup>1</sup> Statistics for 1914, 1909, and 1904 not shown to avoid disclosure of individual operations.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
ILLINOIS—Contd.									
Mattoon.....	1919	65	1,134	1,707	2,980	1,468	1,856	4,051	2,195
	1914	47	735	2,305	1,064	471	603	1,544	851
	1909	35	948	1,019	832	561	660	1,434	765
Maywood.....	1919	27	2,217	2,208	16,289	2,775	9,428	14,333	5,005
Moline.....	1919	61	5,444	16,091	42,343	7,438	22,688	44,871	22,183
	1914	108	5,053	12,200	34,179	3,510	10,387	19,925	9,538
	1909	65	5,387	10,005	26,101	3,474	11,050	20,664	9,614
	1904	62	3,987	—	24,405	2,363	6,805	13,158	6,203
Murphysboro.....	1919	28	1,139	4,460	4,425	1,183	3,880	6,208	2,328
Oak Park.....	1919	44	383	737	8,631	481	975	2,281	1,306
	1914	47	268	1,113	5,155	241	492	1,555	1,063
	1909	23	282	758	6,061	197	301	1,118	727
Ottawa <sup>1</sup> .....	1919	62	729	2,903	5,258	798	1,573	3,224	1,049
	1904	54	1,127	—	2,489	618	773	2,078	1,305
Pekin.....	1919	37	934	6,042	6,761	1,109	16,563	25,664	9,101
	1914	44	634	6,628	6,007	492	3,972	9,600	5,037
Peoria.....	1919	253	7,977	25,510	44,743	8,151	35,910	57,075	21,156
	1914	283	6,285	22,881	32,509	4,144	21,280	64,689	43,400
	1909	233	5,981	16,266	24,945	3,532	17,773	63,061	45,388
	1904	263	5,834	—	20,513	3,200	15,835	60,120	44,085
Quincy.....	1919	183	4,443	11,730	21,533	4,208	12,438	23,409	11,061
	1914	194	3,067	6,297	11,421	1,863	4,435	9,537	5,122
	1909	235	3,097	7,557	11,414	2,066	5,632	11,000	5,434
	1904	234	4,602	—	9,470	2,206	5,188	10,748	5,560
Rock Island.....	1919	83	3,208	8,025	24,364	3,942	14,248	22,350	8,102
	1914	106	1,837	5,430	13,851	1,377	3,411	6,488	3,077
	1909	74	1,754	3,173	9,287	1,026	2,818	5,387	2,569
	1904	72	1,703	—	7,203	895	2,580	5,333	2,753
Rockford.....	1919	312	14,992	33,963	68,503	18,379	36,367	74,019	38,352
	1914	265	10,472	21,039	38,853	6,645	13,414	26,371	12,957
	1909	205	9,309	16,217	22,412	5,213	10,582	23,266	11,684
	1904	180	7,239	—	14,159	3,608	5,006	15,276	7,210
Springfield.....	1919	181	3,306	7,849	21,595	5,077	12,384	22,723	10,339
	1914	189	4,137	9,823	9,085	2,635	5,882	11,770	5,888
	1909	171	3,052	6,368	7,174	2,066	4,204	8,407	4,293
	1904	122	3,071	—	5,204	1,639	2,490	5,707	3,307
Streator.....	1919	69	1,301	4,973	6,339	1,124	2,953	6,602	3,709
	1914	60	1,763	5,823	6,565	1,040	1,762	3,887	2,125
	1909	45	1,275	3,140	4,588	644	817	2,137	1,390
	1904	34	1,544	—	1,379	1,035	584	1,889	1,305
Urbana.....	1919	43	609	2,427	1,418	616	440	1,450	1,010
Waukegan.....	1919	52	2,538	23,172	22,734	3,865	15,016	24,093	9,077
	1914	48	2,276	18,663	20,890	16,010	1,777	7,630	12,418
	1909	58	2,956	23,044	16,535	2,038	13,889	10,541	8,032
INDIANA <sup>2</sup>	29 cities.....	1919	3,978	185,700	487,676	796,981	206,706	738,030	1,186,083
	27 cities.....	1914	3,388	126,086	309,847	403,660	77,026	261,703	436,325
	24 cities.....	1909	2,970	114,086	239,313	290,890	58,354	212,559	363,571
	19 cities.....	1904	2,568	85,617	—	170,594	40,640	123,046	219,425
Anderson.....	1919	99	7,928	20,002	23,837	8,455	22,090	38,031	16,841
	1914	114	3,908	16,569	11,787	2,425	7,411	12,789	5,578
	1909	116	4,393	12,981	10,728	2,104	8,127	13,705	5,638
	1904	102	3,079	—	6,649	1,531	4,860	8,181	3,321
Bloomington.....	1919	39	1,420	3,708	4,323	1,123	4,250	6,816	2,506
	1914	40	1,057	3,047	2,407	581	1,370	2,329	959
Clinton.....	1919	26	469	1,178	826	416	1,013	1,750	737
Crawfordsville.....	1919	55	785	2,181	2,292	742	2,870	4,837	1,967
	1914	56	880	2,004	2,500	398	1,668	2,549	881
East Chicago.....	1919	61	8,057	84,509	106,256	15,258	33,334	80,660	26,235
	1914	79	7,482	44,076	35,706	8,384	28,584	41,624	13,040
	1909	82	5,067	38,363	18,809	3,317	17,768	23,809	6,101
Elkhart.....	1919	120	5,728	9,491	13,787	0,669	13,361	24,421	11,060
	1914	105	2,993	5,952	9,511	1,909	4,982	8,049	4,267
	1909	68	2,042	4,478	5,418	1,307	2,945	6,835	3,860
	1904	58	2,265	—	3,291	1,037	2,016	4,345	2,329
Elwood.....	1919	32	2,187	7,110	7,100	2,620	10,618	13,645	5,127
	1914	39	1,961	6,617	4,615	1,478	5,089	8,187	2,498
	1909	36	2,072	6,122	4,572	1,399	6,226	8,379	2,158
	1904	32	1,779	—	3,303	1,011	4,397	6,111	1,714

<sup>1</sup> Population less than 10,000 in 1910.<sup>2</sup> Does not include statistics for Gary and Whiting.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1900, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.			
									Expressed in thousands of dollars.			
<b>INDIANA—Contd.</b>												
Evansville.....	1910	299	12,526	25,007	47,268	10,708	44,149	70,230	26,081			
	1914	297	10,333	24,102	24,666	5,168	18,411	31,427	13,016			
	1900	292	8,824	18,132	19,852	3,879	12,347	22,289	9,942			
	1904	268	7,758	14,337	3,430	10,122	18,091	7,969				
Fort Wayne.....	1910	247	16,344	43,431	55,303	17,435	37,908	76,713	38,805			
	1914	228	11,161	16,771	31,167	6,299	14,148	30,205	16,057			
	1909	230	10,298	15,063	20,346	5,023	11,415	23,687	12,272			
	1904	193	7,729	12,363	3,595	7,019	14,011	6,992				
Frankfort.....	1919	34	1,275	2,366	3,386	1,282	4,252	6,401	2,149			
Hammont.....	1919	94	6,065	16,018	38,360	8,830	30,952	59,276	19,324			
	1914	82	4,281	9,825	24,042	2,669	9,829	20,584	10,755			
	1909	49	3,841	7,348	16,271	1,861	6,651	15,580	8,929			
	1904	38	1,548	5,975	879	2,545	7,671	5,126				
Huntington.....	1919	57	2,165	3,139	6,186	2,732	4,498	9,977	5,479			
	1914	50	1,239	2,440	2,748	631	1,540	2,791	1,251			
	1909	33	1,376	1,400	1,302	623	1,130	2,223	1,098			
Indianapolis.....	1910	1,004	49,977	102,741	207,546	52,410	206,754	398,667	131,913			
	1914	886	30,971	65,215	87,560	19,042	91,064	139,700	48,636			
	1900	853	31,736	50,622	76,082	16,507	84,037	126,313	42,276			
	1904	810	26,725	53,420	12,620	51,763	82,228	30,465				
Jeffersonville.....	1919	29	1,017	3,364	4,507	1,332	4,302	6,733	2,341			
	1914	40	1,176	3,521	3,177	825	2,268	3,529	1,322			
	1909	35	766	3,422	2,682	437	1,083	1,916	883			
Kokomo.....	1919	98	6,727	33,470	24,780	8,249	21,503	38,709	17,116			
	1914	78	3,289	12,178	9,701	2,149	6,078	10,641	4,563			
	1909	72	2,051	3,955	3,921	1,075	2,982	5,451	2,469			
	1904	61	1,917	3,384	968	1,504	3,651	2,057				
Lafayette.....	1910	85	2,550	6,153	8,037	2,879	6,879	12,616	5,737			
	1914	84	3,130	3,032	6,174	795	3,077	5,186	2,109			
	1909	65	1,225	3,149	3,566	629	3,085	4,867	1,782			
	1904	80	1,786	3,617	834	2,703	4,631	1,928				
La Porte.....	1919	52	3,502	5,741	21,008	4,061	10,531	20,581	10,050			
	1914	55	1,765	4,976	7,838	1,160	2,408	5,929	3,521			
	1909	41	1,674	3,373	5,872	795	1,814	3,972	2,158			
Logansport.....	1919	67	2,388	5,554	2,895	3,044	3,925	7,746	3,821			
	1914	67	1,709	2,454	1,965	1,110	2,019	3,671	1,652			
	1909	68	2,169	2,338	2,004	1,237	1,982	4,201	2,219			
	1904	61	1,720	1,920	859	1,562	2,956	1,394				
Marion.....	1919	101	4,046	8,941	14,572	4,331	14,819	24,325	9,506			
	1914	90	2,970	6,172	4,917	1,095	3,561	6,705	3,144			
	1909	88	2,229	6,106	3,909	1,174	2,248	4,282	2,084			
	1904	96	2,219	3,406	1,120	1,738	4,034	2,296				
Michigan City.....	1919	47	3,452	6,393	20,805	4,669	27,125	37,361	10,236			
	1914	52	4,442	7,889	16,490	2,593	10,205	15,120	4,915			
	1909	47	2,885	5,885	5,859	1,261	5,342	8,261	2,919			
	1904	52	3,140	4,283	1,453	3,980	6,314	2,334				
Mishawaka.....	1919	32	5,068	11,261	25,817	5,688	14,028	27,765	13,737			
	1914	32	3,332	8,255	18,546	1,598	5,731	12,304	6,573			
	1909	42	3,445	7,810	14,224	1,748	5,270	10,883	5,613			
	1904	121	6,559	15,542	22,116	7,142	18,810	33,176	14,366			
Muncie.....	1919	113	3,087	7,406	6,485	2,376	6,466	10,779	4,313			
	1914	100	3,583	6,420	5,006	1,913	4,588	8,441	3,753			
	1909	97	2,855	4,400	1,400	3,320	5,891	2,371				
New Albany.....	1910	93	1,239	3,341	4,400	1,110	4,128	6,766	2,638			
	1914	102	1,458	4,482	3,293	672	1,860	3,236	1,376			
	1909	94	1,851	3,779	3,860	697	1,774	3,323	1,549			
	1904	98	2,240	2,400	2,491	996	2,041	3,835	1,794			
New Castle.....	1910	33	4,041	5,821	8,406	4,170	8,499	14,584	6,085			
	1914	33	1,950	3,674	5,983	1,282	1,947	4,498	2,551			
Peru.....	1910	40	1,466	1,941	3,051	1,190	2,445	4,705	2,260			
	1914	34	787	1,819	1,780	377	859	1,529	670			
	1909	31	619	2,013	1,654	276	483	1,097	614			
Richmond.....	1919	144	4,938	6,711	14,215	4,859	12,712	22,894	10,182			
	1914	118	3,662	5,707	10,969	2,316	4,970	10,252	5,282			
	1909	107	3,021	5,087	13,139	1,584	5,118	10,374	5,256			
	1904	98	2,970	5,087	9,508	1,381	3,001	6,732	3,731			
South Bend.....	1919	214	14,792	28,748	79,251	17,427	35,706	75,339	30,033			
	1914	250	12,203	21,512	54,148	6,989	12,742	31,180	18,438			
	1909	218	11,789	10,280	41,467	5,888	15,253	27,854	12,601			
	1904	156	8,997	26,197	3,978	8,170	15,180	7,010				

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904.—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Number of estab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
INDIANA—Contd.									
Terre Haute.....	1910	257	6,458	19,664	20,664	7,390	26,903	41,968	15,065
	1914	171	5,270	14,552	13,920	3,206	11,008	25,049	14,691
	1909	169	4,347	10,398	10,287	2,503	8,375	21,470	13,095
	1904	178	4,044		7,391	2,134	7,647	18,008	10,361
Vincennes.....	1919	98	1,191	4,090	6,221	1,089	4,586	7,582	2,096
	1914	71	662	4,120	3,570	601	2,070	5,233	2,503
	1909	84	1,233	5,044	3,560	600	2,416	4,234	1,818
	1904	62	1,354		2,102	600	1,741	3,020	1,288
IOWA:									
18 cities.....	1919	2,310	56,181	149,573	305,121	61,755	420,805	584,240	163,435
17 cities.....	1914	2,198	44,174	118,685	160,458	27,756	158,631	235,355	70,721
17 cities.....	1909	1,988	43,674	83,812	120,791	22,957	125,987	188,031	62,944
14 cities.....	1904	1,548	34,019		76,000	15,966	72,520	112,160	30,640
Boone.....	1919	39	369	437	1,385	375	699	1,550	851
	1914	33	256	487	875	142	489	908	419
	1909	33	106	313	826	88	222	460	247
Burlington.....	1919	97	2,274	4,875	8,098	2,170	6,782	12,090	5,308
	1914	118	2,246	3,993	6,553	1,316	3,751	6,866	3,115
	1909	128	3,191	5,346	7,003	1,723	4,619	8,443	3,798
	1904	109	2,015		5,031	1,418	2,706	5,779	3,073
Cedar Rapids.....	1919	208	6,284	19,814	39,050	6,474	72,066	92,118	20,052
	1914	170	4,394	12,534	20,322	2,727	25,948	34,089	9,041
	1909	153	3,865	7,224	11,481	1,860	18,650	24,824	6,174
	1904	134	3,259		8,697	1,465	12,280	16,280	4,000
Clinton.....	1919	119	3,452	9,884	17,073	4,090	19,345	30,321	10,976
	1914	105	2,679	8,842	8,068	1,614	6,949	10,427	3,478
	1909	69	2,414	6,391	6,532	1,273	4,030	7,480	2,330
	1904	83	2,153		4,381	1,044	2,646	4,906	2,260
Council Bluffs.....	1919	111	1,891	3,978	7,222	2,474	5,542	10,611	5,069
	1914	101	1,336	2,495	3,508	936	2,302	4,270	1,977
	1909	101	1,434	1,760	2,808	845	1,957	3,768	1,811
	1904	71	1,001		1,472	530	930	1,924	994
Davenport.....	1919	219	3,928	11,462	19,944	4,308	21,502	32,587	11,025
	1914	231	3,958	9,121	13,413	2,402	10,116	17,173	7,057
	1909	232	4,231	9,168	15,306	2,178	11,371	18,802	7,231
Des Moines.....	1919	173	3,840		13,064	1,756	8,839	13,696	4,857
	1914	379	7,058	17,341	43,687	7,559	38,291	59,831	26,540
	1909	354	5,206	18,978	27,325	3,560	12,275	23,747	11,472
	1904	387	5,883	10,103	17,880	2,945	13,505	23,585	10,020
Dubuque.....	1919	201	4,155		9,594	2,083	3,644	15,086	6,441
	1914	131	6,147	10,861	23,913	6,024	10,982	34,277	14,325
	1909	139	6,171	9,098	13,281	2,026	8,188	14,714	6,526
	1904	156	5,160	9,623	12,216	2,902	9,002	15,249	6,247
Fort Dodge.....	1919	80	1,005	4,178	9,437	1,913	4,706	9,270	4,373
	1914	56	951	2,930	7,674	1,395	7,198	10,884	3,086
	1909	44	1,115	2,204	8,289	612	3,118	4,871	1,753
	1904	42	961		8,701	421	1,812	2,975	1,163
Fort Madison.....	1919	34	1,020	3,527	8,233	987	2,643	4,836	2,193
Iowa City.....	1919	49	322	880	1,905	368	925	1,767	842
	1914	61	350	714	1,576	212	871	1,333	702
Keokuk.....	1919	44	282	814	748	143	340	805	405
	1914	71	1,598	7,527	8,059	1,540	11,917	17,555	5,638
	1909	85	1,333	4,413	4,241	737	5,150	8,250	3,100
	1904	91	1,541	3,219	4,334	776	4,984	7,309	2,715
Marshalltown.....	1919	80	1,533		3,148	674	2,234	4,226	1,902
	1914	62	1,338	2,578	6,374	1,606	4,976	8,042	3,666
	1909	61	1,060	2,388	3,620	693	3,333	5,150	1,812
	1904	49	1,365	1,975	2,558	806	3,170	4,822	1,643
Mason City.....	1919	44	888		1,441	447	2,140	3,000	950
	1914	59	2,367	18,078	15,608	2,850	23,054	29,513	6,489
	1909	60	2,054	17,158	10,423	1,481	6,784	11,743	4,959
Muscatine.....	1919	49	807	3,729	2,156	470	1,796	2,881	1,085
	1914	146	2,522	4,162	8,812	2,102	5,698	10,764	5,056
	1909	142	2,397	4,871	6,089	1,106	3,009	6,000	2,091
	1904	107	2,763		6,774	1,575	2,738	6,146	3,428
Ottumwa.....	1919	94	2,601	5,509	20,886	2,877	36,501	45,030	2,025
	1914	88	2,447	4,434	6,925	1,498	18,014	21,300	8,629
	1909	93	2,550	4,332	5,809	1,319	12,166	14,838	3,286
	1904	62	2,304		4,993	896	8,533	10,374	2,672

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value
year.	estab-	(average	power.	terials.				by	manu-
Expressed in thousands of dollars.									
IOWA—Continued.									
Sioux City.....	1919	251	6,740	14,572	44,920	8,947	125,261	146,393	21,132
	1914	220	4,753	11,646	22,610	3,198	40,819	49,479	8,660
	1909	136	3,750	8,807	13,308	2,131	30,388	37,425	7,037
	1904	106	2,299	5,889	21,612	1,203	11,396	14,701	3,365
Waterloo.....	1919	161	4,620	9,910	5,791	23,398	35,481	12,088	
	1914	144	3,483	9,583	14,115	2,537	7,813	14,126	6,313
	1909	108	3,124	4,247	7,581	1,793	4,642	8,999	4,357
	1904	90	1,674	3,352	885	2,749	4,694	1,945	
KANSAS:									
17 cities.....	1919	1,267	41,980	114,202	227,672	48,937	552,875	658,943	106,068
	1914	1,055	26,740	78,279	97,661	16,295	184,576	223,756	39,181
14 cities.....	1909	1,038	25,033	66,913	75,494	14,391	178,542	215,485	36,943
12 cities.....	1904	647	10,558	46,335	10,059	107,201	130,208	22,827	
Arkansas City.....	1919	42	276	2,281	4,336	320	7,298	8,722	1,424
Aitchison.....	1919	52	862	5,199	5,180	883	5,749	8,277	2,528
	1914	60	684	2,609	2,073	403	2,981	3,899	918
	1909	68	824	2,726	2,188	455	3,137	4,405	1,268
	1904	60	798	1,873	360	2,956	3,829	873	
Chamute.....	1919	23	195	1,737	1,143	224	585	1,090	505
	1914	27	131	764	430	69	262	496	234
Coffeyville.....	1919	40	1,225	5,978	10,967	1,487	12,351	16,655	4,304
	1914	45	497	2,632	2,092	356	2,697	3,788	1,001
	1909	45	895	2,710	2,341	588	2,645	3,832	1,187
El Dorado.....	1919	25	131	443	1,183	204	933	1,439	506
Emporia.....	1919	36	106	613	738	131	667	1,032	365
Fort Scott.....	1919	33	596	1,553	2,682	622	2,988	4,251	1,268
	1914	33	422	817	892	247	1,084	1,580	496
	1909	36	266	657	626	130	670	1,010	340
	1904	46	244	650	127	463	788	1,342	323
Galema <sup>1</sup> .....	1904	15	180	250	70	688	797	109	
Hutchinson.....	1919	98	1,766	9,312	8,491	2,101	18,017	19,433	6,416
	1914	71	1,006	5,618	3,277	584	4,111	5,609	1,498
	1909	67	667	3,396	3,270	320	2,673	3,614	941
Independence.....	1919	32	169	637	804	189	546	1,045	490
	1914	23	123	541	487	98	139	342	203
	1909	30	224	870	691	129	371	700	329
Kansas City.....	1919	196	22,830	46,923	132,110	27,130	417,518	468,686	51,168
	1914	201	13,095	33,472	56,012	8,176	139,267	159,700	20,433
	1909	105	12,294	31,885	42,817	7,027	144,390	164,081	19,691
	1904	100	10,529	27,773	5,449	83,883	96,473	12,590	
Lawrence.....	1919	49	491	3,351	3,512	810	3,551	4,631	1,080
	1914	41	478	3,911	1,528	263	2,136	2,910	774
	1909	49	422	2,540	814	195	1,155	1,663	498
	1904	39	402	730	172	317	658	1,341	
Leavenworth.....	1919	69	1,819	3,608	6,335	1,249	8,176	11,330	3,154
	1914	73	1,233	2,901	2,758	708	3,321	4,776	1,455
	1909	79	1,305	3,005	2,812	690	3,021	4,659	1,638
	1904	80	1,321	2,961	600	2,588	4,152	1,564	
Parsons.....	1919	27	1,145	4,135	2,414	1,387	3,118	4,854	1,736
	1914	28	1,040	2,635	1,514	578	1,542	2,372	830
	1909	25	1,130	2,093	1,530	722	735	1,626	891
Pittsburg.....	1919	67	1,594	3,050	4,609	1,811	2,514	5,271	2,757
	1914	45	1,078	2,863	1,801	714	973	2,160	1,196
	1909	49	972	2,268	1,786	638	724	1,817	1,093
	1904	34	919	1,866	522	646	1,494	848	
Salina.....	1919	64	630	4,073	5,858	734	15,200	17,930	2,640
	1914	48	420	3,075	3,269	244	3,052	3,762	710
Topeka.....	1919	169	5,897	14,546	19,130	6,424	31,233	45,708	14,475
	1914	161	4,828	9,494	14,231	2,768	14,981	20,685	5,704
	1909	202	4,244	9,435	10,748	2,521	12,259	17,821	5,562
	1904	154	3,953	6,597	2,146	10,233	14,449	4,216	
Wichita.....	1919	238	3,045	7,754	18,185	3,231	27,346	38,580	11,294
	1914	190	1,705	7,447	7,187	1,089	8,020	11,668	3,039
	1909	223	1,790	5,328	5,876	973	6,702	10,267	3,505
	1904	110	1,262	4,135	607	5,427	7,390	1,963	

<sup>1</sup> Population less than 10,000 in 1910 and 1920.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
KENTUCKY:									
8 cities.....	1910	1,367	45,316	145,357	202,481	45,140	172,675	287,507	114,832
8 cities.....	1914	1,361	37,235	82,000	121,093	20,364	75,129	111,600	60,471
8 cities.....	1909	1,563	39,797	70,181	107,155	18,578	72,338	136,499	61,161
7 cities.....	1904	1,408	30,452	.....	100,295	15,643	67,072	106,333	40,361
Ashland.....	1919	43	1,912	35,426	14,978	3,443	11,905	15,964	4,059
Covington.....	1919	133	4,088	8,241	11,316	4,547	7,834	17,121	9,287
Frankfort <sup>1</sup> .....	1914	161	3,199	7,095	7,778	1,815	3,730	8,265	4,535
Henderson.....	1919	81	967	2,378	3,972	706	2,910	4,765	1,825
Lexington.....	1914	42	1,147	3,327	2,514	436	1,067	2,973	1,306
Louisville.....	1919	170	1,171	4,042	4,021	1,227	1,722	2,932	1,210
Newport.....	1914	112	1,130	2,241	2,737	638	1,849	3,531	1,082
Owensboro.....	1909	85	1,032	2,579	1,896	511	1,210	2,851	1,602
Paducah.....	1919	84	1,114	.....	2,001	455	1,386	2,775	1,389
LOUISIANA:									
6 cities.....	1919	1,141	31,959	72,890	146,803	30,254	134,287	216,079	81,702
6 cities.....	1914	962	21,314	54,632	67,186	10,860	48,441	83,059	34,618
6 cities.....	1909	1,021	19,985	50,109	64,707	9,527	53,235	86,362	33,627
3 cities.....	1904	790	10,250	.....	60,842	8,366	60,710	85,032	24,022
Alexandria.....	1919	652	724	2,881	2,237	621	3,033	4,350	1,317
Baton Rouge.....	1914	42	359	2,535	1,039	190	508	1,036	458
Lake Charles.....	1919	50	188	2,260	886	83	364	580	229
Monroe.....	1914	42	358	1,601	1,017	491	2,522	3,004	1,082
New Orleans.....	1919	45	1,222	6,544	1,474	1,144	154	604	1,123
Shreveport.....	1914	44	1,101	6,403	4,263	649	2,267	3,689	1,402
8 cities.....	1919	78	3,696	5,615	1,619	395	1,369	2,231	982
8 cities.....	1914	75	2,402	5,174	4,482	1,205	2,144	4,401	2,347
7 cities.....	1909	91	2,613	5,247	4,708	1,245	2,348	4,967	2,619
7 cities.....	1904	84	2,841	.....	4,303	1,185	1,845	4,443	2,598
MAINE: <sup>2</sup>									
8 cities.....	1919	777	33,611	97,508	118,556	35,444	81,394	154,287	72,893
8 cities.....	1914	793	30,207	78,643	63,052	15,772	40,410	60,487	25,997
7 cities.....	1909	675	25,632	58,745	45,234	11,689	28,074	51,407	23,393
7 cities.....	1904	603	23,234	.....	34,828	9,768	23,231	41,900	18,735
Auburn.....	1919	74	5,850	5,335	16,144	5,250	15,607	27,852	12,245
	1914	84	4,811	4,411	6,020	2,855	8,086	13,840	5,184
	1909	83	3,452	3,445	4,085	1,748	5,790	8,843	3,088
	1904	72	2,652	.....	2,826	1,216	4,417	6,407	1,900

<sup>1</sup> Population less than 10,000 in 1920.<sup>2</sup> Does not include statistics for Sanford for 1919.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued

[See note at head of this table, p. 293.]

CITY.	Con- sus year.	Num- ber of estab- lish- ments.	Wage earners (average num- ber).	Primary horse- power.	Capital.	Wages.	Cost of ma- terials.	Value of products.	Value added by manu- facture.
MAINE—Continued.									
Augusta.....	1919	44	2,343	8,193	7,715	2,018	6,627	11,980	5,353
	1914	39	2,231	9,639	5,069	1,071	2,980	4,918	1,938
	1909	40	2,275	5,350	3,414	1,159	2,484	4,662	2,178
	1904	44	1,380	.....	2,286	702	1,887	3,387	2,000
Bangor.....	1919	106	1,153	2,819	5,390	1,075	3,287	5,545	2,258
	1914	122	1,200	2,355	3,459	734	1,952	3,557	1,605
	1909	122	1,327	2,441	3,565	735	1,847	3,346	1,499
	1904	87	1,496	.....	2,944	748	1,737	3,408	1,671
Bath.....	1919	38	5,312	6,436	12,603	7,505	7,139	19,377	12,238
	1914	46	1,950	.....	2,227	1,067	1,982	3,654	1,672
Biddeford.....	1919	49	4,469	28,071	18,715	4,800	11,052	20,635	9,583
	1914	65	5,056	20,703	8,144	2,188	5,611	9,536	3,925
	1909	43	5,076	17,038	7,172	1,993	4,898	9,012	4,114
	1904	33	4,764	.....	7,000	1,701	4,136	6,949	2,813
Lowellston.....	1919	109	6,586	25,450	25,385	6,437	16,647	29,763	13,116
	1914	98	6,222	21,379	18,162	2,920	6,020	10,619	4,599
	1909	83	6,788	19,443	12,639	2,741	5,275	10,475	5,200
	1904	81	6,167	.....	11,265	2,168	4,717	8,528	3,811
Portland.....	1919	308	5,486	11,529	22,194	6,009	15,590	29,168	13,578
	1914	296	5,197	8,300	13,992	3,071	8,028	14,705	6,677
	1909	271	4,902	7,849	9,597	2,508	6,009	11,950	5,941
	1904	243	4,345	.....	6,280	2,073	4,355	9,133	4,778
Sanford 1.....	1914	44	3,430	6,237	5,736	1,896	5,052	8,300	3,248
Waterville.....	1919	49	2,432	9,075	10,320	2,350	5,445	9,967	4,522
	1914	45	2,062	5,319	5,470	1,037	2,161	4,012	1,851
	1909	33	1,812	3,184	4,762	805	1,771	3,179	1,408
MARYLAND:									
5 cities.....	1919	3,083	106,990	208,080	463,496	118,003	451,516	718,894	267,378
4 cities.....	1914	2,746	81,306	117,073	191,937	39,281	130,958	232,864	101,906
4 cities.....	1909	2,704	76,124	85,940	173,872	38,063	113,573	197,620	84,047
3 cities.....	1904	2,207	60,536	.....	153,204	27,309	84,884	157,793	72,909
Annapolis.....	1919	15	95	151	504	90	183	369	186
Baltimore.....	1919	2,797	97,814	184,885	434,244	103,129	427,756	677,879	250,123
	1914	2,502	73,769	99,869	177,301	35,509	120,533	215,172	94,639
	1909	2,502	71,444	76,764	164,437	31,171	107,024	188,978	78,954
	1904	2,158	65,050	.....	146,961	25,507	80,555	150,171	69,616
Cumberland.....	1919	82	3,753	10,317	10,282	4,724	8,292	15,842	7,550
	1914	74	2,817	8,098	5,135	1,519	3,993	7,113	3,120
	1909	71	1,936	5,119	4,095	948	2,676	4,534	1,858
	1904	72	2,276	.....	4,139	1,084	2,678	4,595	1,917
Frederick.....	1919	77	1,308	3,204	2,498	951	4,888	7,141	2,258
	1914	57	1,146	2,681	2,788	820	2,114	3,167	1,053
	1909	55	1,026	1,989	2,370	361	2,075	2,911	836
Hagerstown.....	1919	122	4,020	9,532	13,968	4,109	10,402	17,663	7,261
	1914	113	3,574	6,425	6,713	1,733	4,318	7,412	3,094
	1909	76	1,718	2,068	2,970	583	1,798	3,197	1,399
	1904	67	2,210	.....	2,194	718	1,651	3,027	1,376
MASSACHUSETTS:									
60 cities.....	1919	9,947	609,671	1,377,487	2,516,193	656,243	1,952,178	3,462,478	1,510,300
55 cities.....	1914	8,851	506,397	1,098,324	1,321,572	286,943	783,913	1,390,651	606,738
54 cities.....	1909	8,208	477,134	876,330	1,070,418	246,484	688,197	1,234,417	548,220
46 cities.....	1904	8,039	380,483	.....	774,184	182,770	489,249	880,764	391,515
Adams.....	1919	32	3,974	14,120	11,269	3,524	8,140	15,077	6,937
	1914	35	3,030	12,673	7,119	1,793	3,797	6,530	2,733
	1909	31	3,991	10,173	8,019	1,719	3,082	6,410	3,328
	1904	23	3,994	.....	6,945	1,509	2,688	5,492	2,804
Amesbury.....	1919	44	3,173	4,003	8,747	3,847	9,417	16,309	6,892
	1914	59	1,451	1,641	2,604	1,000	1,805	3,551	1,746
Arlington.....	1919	27	228	549	1,502	238	423	1,006	583
	1914	19	246	542	1,056	185	277	641	364
	1909	19	283	551	778	177	311	695	334
Attleboro.....	1919	144	6,763	7,789	22,082	7,263	18,570	34,472	15,902
	1914	151	6,058	7,486	15,666	3,518	7,378	13,947	6,568
	1909	128	6,420	5,991	14,305	3,763	6,813	15,160	8,347
	1904	108	5,044	.....	10,438	2,474	4,651	10,050	5,399
Belmont.....	1919	6	93	162	200	102	208	208	167
Beverly.....	1919	70	6,495	5,190	18,064	8,419	8,738	21,830	13,082
	1914	67	4,641	4,659	10,533	3,356	3,166	8,774	5,608
	1909	63	4,487	3,778	8,658	2,920	3,291	8,653	5,362
	1904	71	2,083	.....	1,900	1,008	2,323	4,101	1,778

1 Statistics for 1919 can not be shown without disclosing the operations of individual establishments.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
Expressed in thousands of dollars.									
MASSACHUSETTS—Continued.									
Boston	1919	3,077	88,750	101,604	351,261	96,401	349,606	618,922	269,316
	1914	3,138	78,894	85,897	215,177	49,444	150,568	281,802	131,234
	1909	3,195	73,957	77,275	183,340	42,386	127,928	214,793	116,805
	1904	2,787	63,151	—	139,050	33,803	98,181	191,090	92,906
Braintree	1919	19	2,176	3,189	6,601	2,371	7,149	11,975	4,826
Brockton	1919	217	18,059	13,205	54,716	20,806	71,713	117,855	43,142
	1914	243	16,246	10,477	28,800	10,557	31,664	51,250	19,595
	1909	196	14,737	9,773	18,978	9,122	28,565	45,972	17,407
	1904	201	13,880	—	15,330	8,838	22,553	37,701	15,238
Brookline	1919	32	484	203	1,515	488	1,042	2,243	1,201
	1914	21	385	323	1,123	239	218	650	441
	1909	16	340	339	617	194	106	532	336
	1904	13	495	—	618	286	271	733	402
Cambridge	1919	839	22,550	28,421	98,742	22,842	60,127	127,865	58,738
	1914	316	16,749	26,227	48,990	10,217	31,635	57,484	25,049
	1909	275	15,260	24,372	37,929	8,365	23,506	44,227	20,661
	1904	282	14,586	—	32,260	7,494	25,117	42,407	17,200
Chelsea	1919	123	6,580	13,797	26,619	6,924	16,703	32,536	13,833
	1914	123	6,241	7,031	12,419	3,854	9,415	16,071	7,536
	1909	110	5,954	8,339	11,021	3,326	10,569	17,003	6,434
	1904	130	4,939	—	9,684	2,442	8,307	13,870	5,572
Chicopee	1919	60	10,068	30,523	69,411	12,592	40,458	89,772	43,314
	1914	62	8,426	22,907	28,501	5,131	17,118	28,869	11,751
	1909	58	7,260	18,738	14,803	3,988	10,952	19,219	8,267
	1904	40	4,670	—	6,829	1,935	4,330	7,716	3,386
Clinton	1919	33	4,155	13,021	16,917	4,088	8,270	15,180	6,010
	1914	36	4,064	9,931	8,576	1,884	3,610	6,735	3,125
	1909	39	4,123	10,882	7,607	1,872	4,216	7,845	3,629
	1904	35	4,482	—	5,590	1,438	3,408	5,438	2,050
Danvers	1919	25	1,474	3,308	6,085	1,583	7,608	11,542	3,874
Dedham	1919	20	463	2,033	1,278	419	814	1,738	924
	1914	15	250	1,090	615	120	211	428	217
Easthampton	1919	28	4,142	19,571	18,489	3,970	27,044	37,942	10,808
Everett	1919	104	4,523	17,409	65,718	4,035	19,050	35,776	16,717
	1914	85	3,226	10,908	26,409	2,047	6,511	13,219	6,708
	1909	62	2,080	7,816	22,905	1,908	4,508	8,747	4,241
	1904	51	2,186	—	8,477	1,155	3,123	6,136	3,013
Fall River	1919	293	37,015	145,640	135,717	30,514	96,180	163,240	67,006
	1914	315	36,834	139,582	89,290	16,131	37,161	64,663	27,502
	1909	288	37,139	122,061	82,086	15,339	35,524	64,146	28,622
	1904	234	26,836	—	69,375	10,090	26,090	43,473	17,377
Fitchburg	1919	121	9,007	45,988	51,829	10,520	36,055	58,105	22,110
	1914	137	8,837	38,371	24,881	4,815	15,097	23,983	8,836
	1909	122	8,497	28,754	20,888	4,231	14,442	23,252	8,810
	1904	107	6,498	—	13,109	3,168	9,421	15,391	5,970
Framingham	1919	59	4,302	6,040	13,008	4,138	10,350	18,842	8,492
	1914	49	3,982	6,058	9,285	2,257	4,447	8,727	4,280
	1909	27	3,069	4,486	7,770	1,446	3,411	6,917	3,506
	1904	36	2,484	—	2,813	1,121	2,617	4,174	1,057
Gardner	1919	73	4,036	6,105	20,063	3,936	5,186	13,600	8,414
	1914	64	3,964	5,046	13,534	2,084	3,079	7,430	4,371
	1909	52	3,617	3,031	10,273	1,774	2,883	6,483	3,052
	1904	50	3,168	—	8,610	1,401	2,570	5,019	2,449
Gloucester	1919	90	2,684	2,943	11,036	2,614	12,700	18,804	6,005
	1914	87	2,814	2,682	7,110	1,337	5,690	8,634	2,044
	1909	102	2,181	2,427	5,693	1,042	4,770	7,733	2,983
	1904	132	1,763	—	4,321	811	4,082	6,921	2,239
Greenfield	1919	53	2,750	4,014	13,933	3,110	2,840	9,481	6,041
	1914	50	1,002	2,544	4,465	877	1,422	3,527	2,105
	1909	47	1,251	2,327	2,520	701	1,034	2,801	1,707
Haverhill	1919	405	15,783	12,747	30,602	18,352	57,218	96,277	39,059
	1914	398	13,281	10,839	18,415	8,614	20,512	42,400	15,897
	1909	346	11,689	7,930	14,736	6,058	21,686	35,377	13,001
	1904	320	9,574	—	10,303	4,818	14,257	24,447	10,100
Holyoke	1919	170	17,773	76,983	92,506	17,318	51,160	93,427	42,267
	1914	222	17,493	74,869	51,688	8,904	23,362	41,041	18,070
	1909	187	16,513	60,269	42,675	8,076	22,301	40,097	17,796
	1904	179	14,685	—	37,150	6,693	16,570	30,731	14,152
Lawrence	1919	194	30,319	124,155	171,478	32,362	110,959	183,449	72,400
	1914	221	31,048	93,572	99,640	15,778	45,152	73,178	28,028
	1909	162	30,542	73,066	70,550	13,787	45,438	70,963	34,555
	1904	187	21,910	—	60,003	8,008	20,410	48,037	18,621

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus-year.	Num-ber-of-estab-lishments.	Wage-earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
<b>MASSACHUSETTS—Continued.</b>									
Leominster.....	1919	92	5,793	7,696	13,515	5,519	13,844	24,929	11,085
	1914	89	4,929	6,408	6,610	2,574	5,410	10,838	5,428
	1909	94	5,601	5,890	6,633	2,794	5,576	10,531	4,955
	1904	65	4,127	—	4,573	1,946	3,964	7,502	3,538
Lowell.....	1919	291	30,111	35,556	114,941	20,865	76,993	137,802	60,809
	1914	300	29,904	33,817	68,715	14,002	33,104	56,049	22,945
	1909	319	32,333	71,562	61,421	14,022	32,455	59,688	27,233
	1904	256	29,303	—	54,809	11,590	26,911	46,879	19,968
Lynn.....	1919	442	27,355	29,132	97,502	32,902	85,000	180,906	75,897
	1914	429	25,339	22,747	44,253	15,593	38,695	69,783	31,088
	1909	431	27,368	17,089	42,784	15,666	41,361	71,503	30,142
	1904	431	21,540	—	23,139	11,738	32,616	55,003	22,387
Malden.....	1919	108	4,723	7,425	24,070	4,276	9,645	22,078	12,433
	1914	92	2,850	3,547	11,347	1,477	3,249	8,366	5,117
	1909	86	2,900	3,433	9,010	1,346	4,388	8,208	3,818
	1904	59	2,954	—	5,553	1,428	4,045	11,230	7,191
Marlborough.....	1919	48	3,798	1,767	7,972	4,034	13,155	19,045	5,890
	1914	43	3,822	2,332	3,156	2,110	6,468	9,984	3,516
	1909	59	4,265	2,721	3,378	2,224	6,375	10,382	4,007
	1904	46	3,479	—	2,601	1,644	4,586	7,469	2,883
Medford.....	1919	54	1,031	2,139	4,772	981	3,189	5,666	2,477
	1914	54	559	1,495	2,369	355	1,855	2,619	764
	1909	40	560	1,123	1,596	331	1,250	2,045	795
	1904	37	484	—	1,449	244	386	872	486
Melrose.....	1919	27	1,606	1,777	7,063	1,327	3,077	6,084	3,007
	1914	26	962	1,582	3,473	484	1,334	2,499	1,165
	1909	25	1,038	1,535	2,015	403	1,589	2,825	1,236
	1904	24	1,571	—	4,645	798	2,915	9,451	6,536
Methuen.....	1919	33	2,671	10,025	13,136	2,405	9,074	14,215	5,141
	1914	25	1,940	6,247	5,197	855	2,951	4,461	1,510
	1909	19	1,572	5,772	2,956	689	2,226	3,476	1,250
	1904	25	1,809	2,020	3,898	1,819	4,846	8,408	3,562
Milford.....	1919	48	1,749	2,137	2,287	902	2,298	4,029	1,731
	1914	59	1,501	2,410	1,750	945	2,389	4,442	2,053
	1909	44	1,782	—	1,663	910	1,776	3,390	1,614
Natick.....	1919	49	1,463	2,178	6,712	1,382	4,952	7,393	2,441
	1914	38	1,347	1,017	2,056	745	3,318	4,566	1,248
New Bedford.....	1919	267	41,630	150,248	174,598	40,012	122,571	210,773	88,202
	1914	233	33,343	112,151	88,244	16,553	37,574	65,575	28,001
	1909	207	26,566	76,147	58,970	12,598	28,564	53,238	24,374
	1904	176	17,855	—	40,410	7,251	16,091	29,469	13,378
Newburyport.....	1919	64	3,960	6,417	13,554	3,911	12,680	20,595	7,915
	1914	54	3,349	4,412	5,973	1,656	4,757	8,246	3,489
	1909	74	3,215	3,820	4,900	1,642	3,781	6,931	3,150
	1904	69	2,955	—	4,020	1,392	4,262	6,810	2,548
Newton.....	1919	49	2,547	5,536	10,456	2,613	8,428	15,525	7,097
	1914	58	2,154	5,976	5,581	1,185	3,142	5,823	2,681
	1909	46	2,174	4,153	5,669	1,125	3,383	6,279	2,896
	1904	48	1,893	—	4,324	944	2,242	4,141	1,890
North Adams.....	1919	65	6,023	14,049	25,332	5,631	22,286	36,204	13,918
	1914	70	5,288	12,946	13,089	2,775	5,697	10,923	5,226
	1909	60	5,414	11,928	13,943	2,567	5,576	10,315	4,739
	1904	58	5,602	—	18,168	2,333	4,011	8,036	4,025
Northampton.....	1919	63	3,632	6,687	13,940	3,306	9,351	17,961	8,610
	1914	75	3,446	7,531	11,000	1,960	3,888	8,581	4,693
	1909	71	3,150	6,139	7,996	1,503	3,163	6,999	3,836
	1904	77	2,663	—	4,380	1,217	3,042	5,756	2,714
Northbridge.....	1919	13	3,871	7,418	14,530	4,399	5,845	13,849	8,004
Norwood.....	1919	20	2,835	5,610	13,620	3,277	10,760	20,359	9,590
Peabody.....	1919	91	8,013	19,134	32,787	10,234	31,316	52,907	21,591
	1914	77	5,485	15,764	21,281	3,072	12,243	18,442	6,199
	1909	74	4,850	9,981	15,804	2,638	10,192	15,549	5,357
	1904	76	3,053	—	7,654	1,990	6,748	10,237	3,489
Pittsfield.....	1919	90	8,670	18,045	35,848	10,200	19,718	41,613	21,895
	1914	84	7,490	15,989	22,070	4,683	9,129	22,241	13,112
	1909	71	6,353	8,301	15,080	3,718	8,528	15,215	6,687
	1904	44	4,455	—	8,035	2,082	4,629	8,577	3,948
Plymouth.....	1919	31	2,971	10,872	28,526	3,005	21,497	31,320	9,823
	1914	37	2,845	9,229	11,771	1,481	10,123	13,905	3,782
	1909	32	2,912	6,239	10,700	1,416	8,475	11,018	3,143

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Con-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value added
	sus	ber of	earners	horse-			ma-	products,	by man-
	year.	estab-	(average	power.			terials,		facture.
Expressed in thousands of dollars.									
MASSACHUSETTS—Continued.									
Quincy.....	1919	162	19,653	19,348	30,466	34,830	24,475	68,535	44,360
	1914	177	5,783	10,153	11,377	4,584	5,088	12,007	7,009
	1909	183	5,492	9,147	11,975	3,434	3,814	10,503	6,661
	1904	161	5,371	—	9,221	3,060	3,704	8,982	5,278
Revere.....	1910	31	126	738	—	815	155	449	767
	1914	27	80	675	—	445	69	220	350
	1909	14	101	548	—	661	54	202	130
	1904	12	125	765	—	765	66	240	115
Salem.....	1919	153	5,072	13,504	21,198	5,904	16,927	30,437	13,510
	1914	178	5,204	11,802	9,824	2,803	8,145	13,653	5,508
	1909	155	6,338	11,436	9,345	2,803	8,640	14,576	5,936
	1904	143	5,945	—	9,670	2,506	7,921	12,202	4,281
Saugus.....	1919	14	126	539	—	654	119	866	1,157
Somerville.....	1910	140	6,111	15,293	44,089	7,022	87,007	99,558	12,461
	1914	144	5,429	9,707	20,806	3,340	36,407	43,971	7,474
	1909	114	5,280	7,680	17,282	2,870	31,923	38,687	6,764
	1904	78	3,474	—	10,264	1,763	10,176	22,055	3,779
Southbridge.....	1919	41	5,329	9,132	15,700	4,605	7,482	18,253	10,771
	1914	35	4,332	8,965	7,649	2,272	3,288	7,366	4,078
	1909	36	4,037	7,636	4,266	1,805	3,125	6,209	3,144
	1904	32	3,223	—	3,795	1,305	2,280	4,202	1,022
Springfield.....	1919	401	18,429	31,024	81,449	19,798	47,803	98,333	50,530
	1914	395	14,240	24,418	45,753	9,350	21,915	44,429	22,514
	1909	346	11,855	17,744	28,658	6,867	14,363	31,773	17,410
	1904	296	10,523	—	24,081	5,645	12,380	25,860	13,480
Taunton.....	1919	167	8,981	25,340	31,550	9,013	27,787	48,331	20,544
	1914	115	7,371	20,997	17,093	4,135	8,100	15,886	7,780
	1909	146	7,407	19,141	16,504	3,834	7,775	15,380	7,005
	1904	127	6,608	—	14,700	3,147	7,687	13,645	5,958
Wakefield.....	1919	32	1,869	1,538	7,641	1,921	5,582	8,077	3,395
	1914	22	2,008	1,831	4,205	1,190	3,144	6,058	2,014
	1909	23	2,230	1,729	3,864	1,040	2,835	5,527	2,002
Waltham.....	1919	93	8,009	9,823	20,388	8,190	6,834	20,878	14,044
	1914	88	6,465	7,926	22,392	4,005	3,815	10,237	6,422
	1909	80	6,037	7,583	12,871	3,288	2,444	7,814	3,370
	1904	60	6,208	—	10,693	3,240	2,067	7,150	5,083
Watertown.....	1919	25	8,420	18,390	24,428	9,029	19,734	47,207	27,563
	1914	30	4,787	4,377	10,943	2,855	6,694	14,764	8,070
	1909	25	4,335	4,862	7,220	2,235	6,463	11,546	5,083
Webster.....	1919	24	3,849	7,543	13,549	3,921	18,701	28,401	9,610
	1914	23	3,246	6,130	6,766	1,471	6,983	9,234	2,261
	1909	22	3,019	6,454	8,927	1,203	6,970	10,027	3,051
Westfield.....	1919	85	3,243	7,253	12,449	3,116	6,041	14,270	7,338
	1914	100	3,584	4,046	8,306	2,127	3,434	8,420	4,086
	1909	91	3,060	3,541	7,500	1,695	2,808	7,362	4,494
	1904	86	2,634	—	5,888	1,340	2,251	5,818	3,587
West Springfield	1919	23	2,791	11,260	9,073	3,560	6,383	12,386	6,001
	1914	29	2,209	12,131	6,154	1,531	2,410	5,040	2,030
Weymouth.....	1919	34	2,146	2,362	13,025	2,385	11,120	16,837	5,708
	1914	40	2,074	2,649	7,602	1,196	5,058	8,251	3,193
	1909	41	1,901	1,902	5,504	1,110	4,204	6,027	2,423
	1904	46	1,841	—	3,652	927	2,908	4,922	1,924
Winchester.....	1919	17	1,112	2,188	4,327	1,205	6,221	9,098	3,477
	1914	19	1,048	1,644	2,527	643	3,602	5,150	1,557
Winthrop.....	1919	19	61	71	164	49	203	330	127
	1914	10	16	197	110	11	38	78	40
	1909	7	7	41	25	5	25	42	17
Woburn.....	1919	53	2,011	5,942	10,170	2,376	7,540	13,980	6,431
	1914	57	1,565	3,880	9,772	915	3,351	5,518	2,107
	1909	59	1,653	3,560	8,408	982	3,114	5,408	2,294
	1904	52	1,482	—	4,427	783	2,808	4,054	1,846
Worcester.....	1919	618	38,673	94,712	182,502	44,440	106,181	208,706	102,525
	1914	608	29,462	71,984	79,243	17,633	45,794	82,820	37,035
	1909	580	28,221	53,405	64,630	15,295	42,601	77,148	34,517
	1904	470	22,706	—	48,772	11,825	27,011	52,145	25,134
MICHIGAN:									
28 cities.....	1919	4,792	376,032	709,363	1,842,690	526,568	1,548,316	2,836,699	1,288,383
26 cities.....	1914	4,710	181,446	382,514	546,287	121,270	384,500	667,693	313,193
24 cities.....	1909	4,500	156,747	281,843	378,275	82,260	239,555	465,201	225,646
18 cities.....	1904	3,130	103,350	—	188,743	48,815	127,032	250,266	123,204
Adrian.....	1919	62	1,870	3,317	7,071	1,714	10,153	14,540	4,396
	1914	68	1,256	2,840	5,082	698	3,783	5,442	1,659
	1909	80	1,059	3,211	5,086	540	4,150	6,085	1,935

## STATISTICS OF CITIES.

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TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
MICHIGAN—Con.									
Alpena.....	1919	38	1,372	23,318	7,140	1,528	4,887	9,356	4,469
	1914	54	1,494	11,537	4,712	895	2,398	4,102	1,704
	1909	58	1,432	10,670	4,598	711	2,301	3,964	1,663
	1904	57	1,245		2,682	534	1,685	2,905	1,220
Ann Arbor.....	1919	78	1,612	3,629	7,381	2,102	5,377	9,794	4,417
	1914	75	842	2,376	2,888	516	1,302	2,603	1,301
	1909	63	573	1,458	1,760	287	1,010	1,866	856
	1904	65	549		1,095	244	774	1,386	612
Battle Creek.....	1919	118	6,080	22,432	38,864	8,668	27,989	56,140	28,151
	1914	43	4,599	17,049	19,893	3,191	8,158	23,248	15,090
	1909	105	4,175	14,923	19,176	2,354	7,068	20,174	13,106
	1904	120	3,380		13,039	1,886	3,084	12,298	8,314
Bay City.....	1919	105	5,057	14,540	21,379	5,393	15,262	28,215	12,953
	1914	142	3,771	15,911	10,618	2,129	6,403	11,119	4,716
	1909	182	4,737	17,872	10,280	2,118	5,647	10,294	4,647
	1904	173	4,456		5,343	2,002	4,948	8,809	3,861
Benton Harbor.....	1919	65	2,328	3,374	8,118	2,503	4,632	11,345	6,713
	1914	62	1,285	2,245	3,932	723	1,210	3,022	1,812
Detroit.....	1919	2,176	167,016	308,250	788,329	245,434	655,913	1,234,520	578,807
	1914	2,081	99,803	176,808	293,493	69,447	222,249	400,348	178,099
	1909	2,036	81,011	114,190	190,125	43,007	130,218	252,939	122,721
	1904	1,362	48,483		91,038	22,558	66,581	128,247	61,666
Escanaba.....	1919	45	842	2,201	2,359	876	1,153	3,018	1,865
	1914	45	777	2,591	1,354	469	630	1,507	871
	1909	39	720	1,416	1,024	405	364	1,074	710
Flint.....	1919	107	24,603	33,610	124,142	38,033	172,824	275,780	102,956
	1914	94	8,722	10,576	27,151	7,235	34,333	53,375	19,042
	1909	104	7,088	8,240	18,085	4,429	13,971	24,118	10,147
	1904	70	2,161		4,216	1,041	3,769	6,177	2,408
Grand Rapids.....	1919	611	23,548	44,048	80,670	20,170	51,162	109,135	57,973
	1914	594	17,427	30,393	46,843	10,296	23,905	49,792	25,797
	1909	524	17,590	27,070	38,783	9,217	19,736	42,231	22,495
	1904	388	15,514		25,431	7,318	14,422	30,690	16,268
Holland.....	1919	64	2,748	4,937	14,205	2,709	10,225	17,711	7,486
	1914	61	2,165	3,096	7,744	1,102	5,843	8,684	2,841
	1909	61	2,162	3,446	5,883	1,069	3,478	5,802	2,324
Ironwood.....	1919	28	390	725	1,182	587	554	1,381	827
	1914	24	516	641	1,458	305	414	793	379
	1909	14	201	521	304	88	201	377	176
Ishpeming.....	1919	21	107	370	1,532	124	483	1,007	524
	1914	19	79	230	189	46	130	229	93
	1909	19	66	73	88	37	52	132	80
	1904	15	73		199	42	142	247	105
Jackson.....	1919	150	9,620	18,744	37,870	10,899	29,989	49,518	19,529
	1914	147	4,900	9,740	14,056	3,203	9,529	16,810	7,281
	1909	168	4,788	6,355	9,069	2,487	8,150	13,984	5,828
	1904	147	3,967		5,346	1,888	4,272	8,348	4,076
Kalamazoo.....	1919	185	7,620	26,147	36,856	8,102	24,236	46,255	22,019
	1914	213	5,525	19,548	18,529	3,284	10,947	20,214	9,267
	1909	193	6,272	14,449	18,395	3,149	9,505	17,904	8,399
	1904	167	5,666		9,618	2,562	6,696	13,142	6,246
Lansing.....	1919	147	12,349	23,602	61,032	13,957	64,981	104,722	38,741
	1914	180	6,231	12,614	23,174	4,373	13,887	26,984	13,097
	1909	169	5,285	8,720	13,131	2,707	8,802	16,667	7,765
	1904	98	2,982		5,099	1,389	3,473	6,887	3,414
Manistee.....	1914	47	1,853	7,548	5,346	968	2,004	4,136	2,132
	1909	64	2,125	6,811	3,248	1,019	1,289	3,344	2,055
	1904	47	2,084		2,832	999	1,274	3,257	1,983
Marquette.....	1919	34	1,415	6,138	9,405	1,598	4,665	7,210	2,645
	1914	34	589	2,156	1,688	378	678	1,395	717
	1909	35	509	1,575	1,441	313	565	1,278	713
	1904	31	738		1,603	436	1,392	2,364	972
Menominee <sup>1</sup> .....	1914	52	1,988	6,901	6,825	1,000	2,050	5,000	2,344
	1909	52	1,700	4,770	5,213	718	1,657	3,728	2,071
	1904	45	1,489		3,340	705	1,373	2,974	1,601
Monroe.....	1919	41	2,904	14,563	10,655	3,362	8,361	16,052	7,691
Muskegon.....	1919	141	9,716	24,026	36,751	10,853	25,676	55,969	30,293
	1914	103	4,646	12,499	11,329	2,641	5,317	11,148	5,831
	1909	101	4,522	10,436	8,337	2,107	4,938	9,648	4,710
	1904	70	3,078		4,790	1,211	3,526	6,319	2,793
Owosso.....	1919	40	1,781	4,220	7,537	2,221	5,209	8,949	4,740
	1914	45	1,231	4,266	4,147	724	1,351	8,469	1,618

<sup>1</sup> Population less than 10,000 in 1920.

## CENSUS OF MANUFACTURES: 1910.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1900, AND 1904—Continued.  
 [See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
MICHIGAN—Con.									
Pontiac.....	1910	78	7,082	12,841	42,693	10,881	66,786	104,990	38,204
	1914	46	2,409	3,111	5,744	2,010	10,449	15,102	4,653
	1900	42	1,739	2,854	3,826	1,087	3,240	5,804	2,654
Port Huron.....	1910	43	2,231	5,884	10,002	2,482	4,031	9,516	4,615
	1914	89	1,296	4,400	4,622	735	2,227	4,000	1,803
	1900	82	1,580	3,130	3,889	791	1,949	3,588	1,639
	1904	74	2,136	3,205	1,107	1,747	3,715	1,968	
Saginaw.....	1910	208	9,472	31,402	45,210	9,963	21,316	43,146	21,830
	1914	241	6,342	15,959	17,608	3,671	10,656	19,068	8,353
	1900	202	5,368	11,867	13,880	2,750	7,634	14,102	6,558
	1904	179	4,445	7,273	1,081	5,367	10,079	4,712	
Sault Ste. Marie.....	1910	26	1,248	5,598	22,410	1,533	6,760	10,700	3,940
	1914	44	938	2,320	5,791	621	2,352	3,821	1,469
	1900	46	825	2,040	3,687	432	2,441	3,720	1,288
	1904	38	895	1,034	462	1,427	2,412	985	
Traverse City.....	1910	56	960	3,131	3,141	847	2,282	4,100	1,818
	1914	60	956	4,553	1,986	449	1,087	2,251	1,164
	1900	61	1,220	4,231	1,958	444	1,183	2,289	1,106
Wyandotte.....	1910	26	6,214	29,528	26,346	10,059	13,410	33,383	19,943
All other cities <sup>1</sup> .....	1910	50	64,029	38,788	442,142	103,195	309,070	509,208	290,138
MINNESOTA: <sup>2</sup>									
9 cities.....	1910	2,776	77,793	268,820	401,122	87,409	532,270	771,628	230,349
8 cities.....	1914	2,622	58,256	176,600	231,387	37,855	194,307	250,741	105,344
7 cities.....	1900	2,284	56,537	150,608	183,537	32,207	172,185	261,482	80,297
6 cities.....	1904	1,820	43,653	123,212	22,468	122,201	183,677	61,386	
Duluth.....	1910	226	10,472	89,883	71,976	15,405	43,029	75,261	32,232
	1914	243	5,533	14,914	19,017	3,365	11,518	19,720	8,211
	1900	194	6,083	17,561	17,709	3,593	8,844	17,180	8,336
	1904	163	3,987	9,538	2,186	4,634	10,139	5,505	
Faribault.....	1910	53	806	2,823	4,425	688	8,079	10,155	2,078
Hibbing.....	1910	16	50	63	399	68	168	321	153
	1914	27	65	28	101	54	112	254	142
Mankato.....	1910	56	771	3,291	6,366	728	7,962	9,700	1,814
	1914	64	755	2,618	2,777	434	3,217	4,344	1,127
	1900	63	807	3,054	2,217	346	2,728	3,723	965
	1904	54	724	2,724	2,223	303	2,520	3,423	893
Minneapolis.....	1910	1,421	38,154	113,212	239,182	41,275	862,834	401,383	128,549
	1914	1,349	28,295	109,040	115,502	18,805	131,166	187,584	60,655
	1900	1,102	26,962	89,247	90,382	15,638	119,093	105,405	45,412
	1904	876	21,671	66,135	11,418	88,882	121,163	32,281	
Rochester.....	1910	41	359	1,368	2,172	337	1,307	2,250	943
St. Cloud.....	1910	72	1,998	6,883	8,397	2,328	4,467	7,734	3,267
	1914	77	1,429	3,724	1,928	864	1,288	2,696	1,408
	1900	69	626	3,302	1,607	355	1,342	2,296	957
St. Paul.....	1910	818	22,649	40,845	110,501	24,449	85,170	140,035	64,408
	1914	737	19,483	38,880	76,790	12,795	35,819	68,082	32,883
	1900	719	19,339	26,204	60,467	10,952	30,300	58,980	28,690
	1904	614	14,363	30,401	7,211	19,488	38,319	18,831	
Stillwater <sup>3</sup> .....	1910	34	621	1,012	2,589	205	1,200	1,877	671
	1900	38	688	1,952	3,277	389	1,618	2,080	1,038
	1904	36	955	2,828	454	1,484	2,781	1,300	
Winona.....	1910	73	2,534	10,458	17,441	2,161	19,273	25,120	5,847
	1914	91	2,070	6,438	12,013	1,152	10,038	14,305	4,267
	1900	99	2,032	8,628	7,378	1,024	7,330	11,199	3,869
	1904	86	1,953	6,087	894	5,274	7,850	2,570	
MISSISSIPPI:									
9 cities.....	1910	316	11,774	38,905	37,540	10,230	27,000	40,273	21,373
8 cities.....	1914	274	8,131	28,631	18,769	4,039	10,975	18,023	7,648
5 cities.....	1900	201	4,574	14,444	8,920	2,171	6,788	11,792	5,004
3 cities.....	1904	109	2,693	4,403	1,240	3,548	5,075	2,427	
Biloxi.....	1910	33	787	980	1,268	382	1,134	1,942	808
Columbus.....	1910	27	549	1,776	1,913	361	1,420	2,151	731
	1914	27	521	2,449	984	224	747	1,449	802
Greenville.....	1910	32	822	3,628	3,905	658	2,531	4,430	1,889
	1914	25	671	2,688	1,095	315	1,177	1,935	758
Hattiesburg.....	1910	36	1,267	4,781	3,101	1,038	2,045	4,533	2,468
	1914	35	587	2,964	1,678	282	666	1,134	468
	1900	29	648	2,273	1,341	297	625	1,261	626
Jackson.....	1910	55	1,326	5,763	6,246	1,004	8,285	11,402	3,117
	1914	49	943	4,862	2,608	490	2,514	3,025	1,111
	1900	44	772	3,202	1,590	300	1,852	2,960	1,108

<sup>1</sup> All other cities embrace Hamtramck and Highland Park.<sup>2</sup> Population less than 10,000 in 1920.<sup>3</sup> Does not include statistics for Austin and Virginia.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-facture.
Expressed in thousands of dollars.									
MISSISSIPPI—Con.									
Laurel.....	1919	23	2,223	10,258	9,802	2,167	3,347	8,182	4,835
	1914	26	2,129	7,115	4,621	1,066	1,713	3,372	1,059
Meridian.....	1919	54	2,165	5,443	6,687	2,089	5,802	9,590	3,788
	1914	51	1,974	5,538	5,352	1,017	2,720	4,739	2,019
	1909	54	1,524	5,361	3,816	702	2,474	4,238	1,704
Natchez.....	1904	53	1,343	—	2,516	588	2,052	3,287	1,215
	1919	22	1,180	2,277	2,184	831	1,573	2,717	1,144
	1914	24	297	1,158	582	131	606	896	290
	1909	27	428	1,481	931	169	689	1,114	425
	1904	24	316	—	632	134	503	820	317
Vicksburg.....	1919	34	1,455	4,053	3,034	1,000	1,743	4,336	2,593
	1914	37	1,000	1,757	1,249	534	832	1,673	841
	1909	47	1,202	2,037	1,236	637	1,148	2,229	1,081
	1904	32	1,031	—	1,255	524	993	1,888	895
MISSOURI:									
13 cities.....	1919	5,012	140,569	283,859	736,058	150,540	760,243	1,205,810	445,067
12 cities.....	1914	4,613	116,396	234,818	407,994	69,732	269,638	475,839	206,231
10 cities.....	1909	4,247	115,565	190,854	342,373	64,207	245,555	427,078	181,523
7 cities.....	1904	3,559	104,023	—	317,403	53,476	172,418	328,009	155,591
Cape Girardeau.....	1919	50	1,427	4,732	4,864	1,187	5,689	8,587	2,808
	1914	42	1,259	1,989	3,074	607	2,356	3,888	1,532
Carthage.....	1919	49	515	1,734	1,884	439	5,347	6,628	1,281
Columbia.....	1919	28	379	988	1,752	257	1,550	2,222	682
	1914	22	479	1,068	1,414	206	502	1,270	708
Hannibal.....	1919	67	2,800	3,646	6,729	2,894	8,515	14,027	5,512
	1914	66	2,366	3,530	4,056	1,329	3,795	6,215	2,420
	1909	66	2,445	3,412	2,498	1,284	4,316	6,195	1,879
	1904	58	1,811	—	1,848	825	2,154	3,504	1,408
Independence <sup>1</sup> .....	1919	21	283	1,544	2,860	353	4,338	5,344	1,006
Jefferson City.....	1919	42	1,713	2,139	5,683	1,232	7,365	10,188	2,823
	1914	50	1,401	1,826	4,537	603	4,743	8,087	3,344
	1909	35	651	1,166	3,079	271	3,652	5,446	1,794
Joplin.....	1919	139	1,810	4,719	10,114	1,581	9,614	14,220	4,606
	1914	100	1,158	3,774	4,088	618	4,120	5,950	1,830
	1909	77	830	3,102	2,992	494	2,358	4,136	1,773
	1904	56	680	—	2,524	386	1,900	3,000	1,046
Kansas City.....	1919	997	22,137	44,287	83,009	23,742	124,310	192,815	68,505
	1914	1,052	16,252	35,706	53,341	10,504	31,981	60,953	28,972
	1909	902	14,643	29,208	42,729	8,526	30,118	54,704	24,586
	1904	612	11,039	—	32,127	5,920	19,525	35,573	16,048
Moberly.....	1919	25	570	1,250	2,451	431	3,253	4,497	1,244
	1914	20	403	791	1,810	220	1,523	2,137	614
	1909	31	999	1,276	1,320	538	1,092	1,984	892
St. Joseph.....	1919	219	5,943	13,591	25,066	5,578	33,351	50,697	17,346
	1914	267	4,914	9,109	10,854	2,075	10,067	17,068	6,461
	1909	261	5,390	7,737	12,038	2,710	11,053	17,626	6,573
	1904	219	4,603	—	9,734	2,072	6,820	11,574	4,754
St. Louis.....	1919	3,205	107,919	195,697	575,938	108,567	540,826	871,700	330,874
	1914	2,787	85,058	169,982	314,728	51,150	203,808	300,480	150,674
	1909	2,067	87,371	148,095	269,392	48,535	188,189	328,495	140,306
	1904	2,482	82,698	—	205,937	42,642	137,740	267,307	129,567
Sedalia.....	1919	66	1,103	3,099	2,851	1,329	3,488	5,562	2,074
	1914	69	903	1,778	2,386	488	1,951	2,922	971
	1909	75	935	1,062	2,346	461	1,216	2,333	1,117
	1904	50	974	—	1,307	503	825	1,692	867
Springfield.....	1919	107	2,910	6,423	12,857	2,960	12,597	18,813	6,216
	1914	109	2,009	4,646	7,010	1,243	3,768	6,193	2,427
	1900	108	2,131	3,685	5,517	1,280	3,018	5,382	2,334
	1904	82	2,153	—	3,926	1,128	3,392	5,293	1,901
Webb City <sup>2</sup> .....	1914	20	136	619	746	90	488	706	218
	1900	25	170	511	462	108	513	777	264
MONTANA:									
6 cities.....	1919	381	4,379	10,270	20,511	5,801	14,914	26,183	11,289
	1914	309	2,887	6,913	11,925	2,711	5,489	11,265	5,776
5 cities.....	1909	180	1,793	3,518	6,238	1,777	2,737	6,772	4,035
2 cities.....	1904	88	827	—	2,379	769	990	2,923	1,927
Anaconda.....	1919	22	272	1,068	1,204	504	489	1,341	852
	1914	19	251	770	935	260	754	494	434
	1909	13	97	258	489	134	157	591	434

<sup>1</sup> Statistics for 1914, 1909, and 1904 not shown to avoid disclosure of individual operations.<sup>2</sup> Population less than 10,000 in 1920.

## CENSUS OF MANUFACTURES: 1919.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
MONTANA—Con.									
Billings.....	1919	85	573	1,602	3,388	768	3,562	5,417	1,855
	1914	42	329	1,397	2,060	296	902	1,634	732
	1909	37	226	661	951	229	765	1,243	478
Butte.....	1919	115	930	2,017	4,019	1,204	2,823	5,262	2,439
	1914	107	659	1,226	2,386	671	1,314	2,900	1,586
	1909	66	622	1,217	1,890	649	920	2,464	1,544
	1904	54	478	1,267	1,267	509	568	1,760	1,192
Great Falls.....	1919	73	1,157	3,345	6,083	1,485	4,056	6,851	2,795
	1914	54	706	2,145	3,203	675	1,899	3,382	1,483
Helena.....	1919	52	539	658	2,138	685	1,532	3,016	1,484
	1914	53	495	691	1,802	402	709	1,482	773
	1909	44	420	788	1,981	362	413	1,303	810
	1904	34	349	1,112	260	428	1,163	735	
Missoula.....	1919	34	908	1,580	3,679	1,245	2,452	4,290	1,844
	1914	34	447	634	1,359	382	405	1,113	708
	1909	26	428	594	913	403	402	1,171	769
NEBRASKA:									
5 cities.....	1919	889	25,816	60,888	168,920	32,864	404,230	487,086	\$2,856
5 cities.....	1914	769	17,082	44,007	91,298	11,320	150,964	186,200	35,200
4 cities.....	1909	713	17,015	30,882	73,680	9,786	125,860	161,974	36,114
3 cities.....	1904	487	13,101	59,543	7,267	104,777	126,641	21,864	
Grand Island.....	1919	47	733	1,584	2,382	1,149	3,611	3,645	2,034
	1914	49	460	1,618	1,759	342	1,416	2,101	685
	1909	43	576	780	1,235	349	908	1,674	766
Hastings.....	1919	55	658	1,558	3,086	653	2,932	4,320	1,388
	1914	47	416	959	1,388	235	934	1,611	657
Lincoln.....	1919	210	2,743	6,290	12,470	3,137	13,967	23,368	9,461
	1914	195	1,821	5,249	10,239	1,208	6,089	10,025	3,926
	1909	167	2,140	2,200	7,107	1,056	3,864	7,010	3,146
	1904	128	1,617	4,421	833	2,091	5,222	2,531	
North Platte.....	1919	16	378	1,256	1,097	695	676	1,516	840
Omaha.....	1919	561	21,304	50,200	149,885	27,230	383,104	452,237	60,133
	1914	417	5,022	19,772	51,264	5,810	48,086	66,438	18,372
	1909	432	8,023	16,037	45,461	4,837	43,415	60,855	17,440
	1904	318	5,822	34,558	3,204	42,893	51,004	11,111	
South Omaha.....	1914	61	6,063	16,469	26,648	3,925	91,439	106,025	11,566
	1909	71	6,306	14,859	19,877	3,544	77,673	92,436	14,763
	1904	41	6,062	20,564	3,210	50,193	67,415	8,222	
NEVADA:									
Reno.....	1919	53	324	1,820	2,687	396	3,973	4,863	890
	1914	41	336	1,556	2,016	324	1,808	2,571	763
	1909	40	310	1,740	1,872	308	1,471	1,862	691
NEW HAMPSHIRE:									
8 cities.....	1919	532	50,745	204,452	213,149	48,748	152,481	237,930	105,449
8 cities.....	1914	503	47,023	189,704	93,508	24,516	71,720	111,438	39,715
8 cities.....	1909	616	45,196	156,543	81,019	20,501	68,618	96,113	37,497
5 cities.....	1904	382	29,889	50,774	12,842	34,779	57,574	22,795	
Berlin.....	1919	25	4,236	90,559	30,301	5,371	17,339	30,633	13,314
	1914	19	2,630	77,411	20,860	1,974	8,846	13,090	4,245
	1909	20	2,477	50,837	20,736	1,405	5,667	8,775	3,108
Concord.....	1919	76	2,444	7,290	8,694	2,813	6,075	12,441	5,766
	1914	86	2,836	7,122	5,701	1,956	3,712	6,744	3,032
	1909	111	2,693	6,381	5,314	1,641	3,546	6,477	2,981
Dover.....	1919	80	2,654	5,701	1,436	2,831	5,374	2,543	
	1914	39	2,334	8,400	14,660	2,488	8,444	13,935	5,491
	1909	58	2,483	8,503	5,703	2,219	3,657	5,682	2,025
	1904	51	3,030	10,395	8,398	1,486	3,236	6,370	3,134
Keene.....	1919	64	2,186	4,770	5,536	1,964	4,330	8,514	4,175
	1914	68	2,008	4,805	3,581	1,153	1,921	3,918	1,997
	1909	64	1,769	5,158	2,959	973	1,837	3,483	1,840
Laconia.....	1919	32	2,579	3,270	8,738	2,396	5,904	11,848	5,854
	1914	55	2,621	2,949	4,760	1,417	1,841	4,497	2,656
	1909	55	2,235	2,609	3,400	1,080	2,095	4,001	1,908
Manchester.....	1919	165	25,512	54,735	101,099	23,585	71,788	117,494	45,700
	1914	151	25,843	63,481	33,469	12,510	33,797	50,800	17,003
	1909	175	24,735	61,706	26,221	10,444	30,487	46,812	16,315
	1904	155	17,579	23,248	7,323	18,707	30,097	11,990	
Nashua.....	1919	92	8,264	32,683	15,918	7,798	31,955	48,985	17,030
	1914	87	7,382	28,364	13,874	3,622	16,100	22,780	6,080
	1909	104	7,265	17,567	12,854	3,112	10,379	17,320	6,947
	1904	78	6,159	9,405	2,508	8,483	12,858	4,375	

Annexed to Omaha in 1915.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1909, AND 1904—Continued.  
[See note at head of this table, p. 293.]

CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (average num- ber).	Primary horse- power.	Capital.	Wages.	Cost of ma- terials.	Value of products.	Value added by manu- facture.
NEW HAMPSHIRE— Continued.									
Portsmouth.....	1910	39	3,191	2,733	18,203	3,433	5,947	14,060	8,113
	1914	39	1,090	2,009	5,620	665	1,847	3,924	2,077
	1909	36	992	1,800	3,137	500	1,361	2,871	1,510
	1904	27	638	2,631	348	—	888	2,602	1,714
NEW JERSEY:									
39 cities.....	1919	7,984	402,485	786,660	2,155,735	476,706	1,703,629	2,804,963	1,101,334
33 cities.....	1914	6,869	283,219	514,201	1,029,901	159,852	636,490	1,090,474	403,984
31 cities.....	1909	5,745	246,745	385,278	736,971	128,888	504,141	890,032	325,891
22 cities.....	1904	4,502	191,100	334	504,334	93,113	303,898	525,991	222,093
Asbury Park.....	1910	60	393	839	1,114	387	680	1,565	879
	1914	44	312	670	794	292	332	766	434
	1909	27	264	392	537	175	294	602	308
Atlantic City.....	1919	154	958	1,875	8,245	1,289	3,083	6,359	3,276
	1914	107	918	2,521	7,651	614	1,412	2,971	1,559
	1909	95	780	1,768	4,400	527	1,161	2,340	1,179
	1904	62	381	—	1,919	223	365	975	610
Bayonne.....	1919	152	14,994	41,994	170,467	22,952	106,849	260,602	63,753
	1914	121	10,150	33,323	92,752	6,774	77,709	98,234	20,525
	1909	97	7,519	28,094	62,281	4,775	58,932	73,041	14,709
	1904	58	7,057	—	50,207	4,277	40,984	60,034	13,650
Belleview.....	1919	48	1,856	6,190	8,166	2,326	5,869	11,704	5,895
Bloomfield.....	1919	59	5,150	10,197	23,963	5,077	12,939	25,245	12,306
	1914	57	3,177	8,353	8,793	1,644	3,360	8,358	4,998
	1909	45	2,957	6,031	7,709	1,301	2,301	5,895	3,594
Bridgeton.....	1919	87	2,329	4,170	8,381	2,039	6,597	10,959	4,362
	1914	83	2,479	2,918	5,820	1,111	2,453	4,936	2,483
	1909	74	2,387	2,105	3,302	1,163	1,997	4,070	2,073
	1904	61	2,276	—	2,147	1,014	1,239	2,964	1,725
Camden.....	1919	336	40,906	61,085	250,492	53,630	113,104	218,165	105,061
	1914	345	22,541	39,070	101,461	12,978	36,094	71,824	35,730
	1909	305	16,527	29,056	62,085	8,007	27,384	49,138	21,754
	1904	208	12,661	—	31,992	6,098	20,423	33,587	13,164
Clifton.....	1919	49	3,253	7,622	19,023	4,459	19,436	29,431	9,995
East Orange.....	1919	76	2,683	5,700	10,761	2,896	4,084	11,084	7,000
	1914	51	1,949	3,379	6,618	1,130	2,389	5,407	3,018
	1909	42	1,386	1,087	3,849	858	1,708	3,725	1,957
	1904	17	854	—	3,048	454	1,108	2,327	1,219
Elizabeth.....	1919	226	18,386	36,630	77,504	24,228	39,632	76,441	36,809
	1914	184	12,870	25,520	32,224	8,198	16,307	31,228	14,921
	1909	163	12,737	20,124	20,774	7,513	16,429	29,147	12,718
	1904	124	12,335	—	23,564	7,398	16,981	29,301	12,320
Englewood.....	1919	29	250	508	742	263	523	1,119	596
	1914	19	91	296	257	51	111	321	210
Garfield.....	1919	56	5,025	11,884	30,018	5,313	20,510	40,234	19,724
	1914	39	5,809	8,574	16,083	2,639	11,365	16,113	4,748
	1909	25	2,530	5,416	8,006	1,080	5,975	8,894	2,919
Gloucester.....	1919	21	6,225	10,924	46,726	7,710	9,182	19,994	10,812
	1914	23	1,945	3,068	6,110	739	3,213	4,711	1,498
Hackensack.....	1919	45	698	1,361	2,127	740	2,118	3,708	1,590
	1914	43	760	1,343	1,965	421	1,052	2,253	1,201
	1909	46	738	1,021	1,846	300	899	1,978	1,079
Harrison.....	1919	63	13,026	41,833	69,530	10,004	29,417	61,767	32,350
	1914	52	7,404	15,931	29,212	4,603	7,358	17,961	10,603
	1909	55	6,893	8,381	21,247	3,889	5,641	13,770	8,129
	1904	41	4,040	—	11,388	1,929	8,529	8,409	4,780
Hoboken.....	1919	280	15,933	20,844	46,402	21,492	31,028	70,312	39,284
	1914	268	9,290	14,429	19,771	5,668	10,706	23,461	12,755
	1909	241	7,883	10,613	16,445	4,449	8,966	19,016	10,050
	1904	279	7,227	—	11,777	3,573	6,580	14,077	7,497
Irvington.....	1919	89	1,066	4,496	11,746	2,578	6,707	12,175	5,408
	1914	74	921	2,700	5,519	537	5,923	7,350	675
	1909	51	540	967	1,406	278	2,343	3,018	1,427
Jersey City.....	1919	806	36,981	78,897	204,086	42,613	203,421	374,183	110,762
	1914	770	31,021	49,086	180,783	17,051	111,782	164,528	52,746
	1909	745	25,494	35,917	103,399	13,216	89,317	128,775	39,458
	1904	628	20,353	—	82,305	10,021	48,799	75,741	26,942
Kearny.....	1919	49	14,860	26,074	54,894	19,119	42,700	80,832	38,132
	1914	51	5,094	10,409	15,594	3,190	8,755	15,420	6,665
	1909	34	4,001	7,285	10,458	2,204	7,971	12,380	4,409
	1904	11	1,303	—	2,928	505	3,505	4,423	923
Long Branch.....	1919	65	841	1,413	3,126	740	1,390	3,013	1,683
	1914	33	410	1,079	2,338	206	449	1,055	608
	1909	34	415	922	2,362	225	584	1,117	533

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Cen-	Num-	Wage	Primary	Capital,	Wages,	Cost of	Value of	Value
			earners	horse-			ma-		added
year.	estab-	average	(average	power.			terials.		by
Expressed in thousands of dollars.									
NEW JERSEY—Con.									
Millville.....	1919	44	3,857	5,561	12,114	3,822	4,468	10,416	5,948
	1914	50	3,198	3,420	4,161	1,813	1,850	4,644	2,788
	1909	39	2,761	3,681	3,578	1,424	1,599	4,182	2,583
	1904	35	2,767	3,810	1,528	1,384	3,719	2,335	
Montclair.....	1919	34	281	932	1,280	317	1,433	2,282	849
	1914	42	382	1,132	2,177	227	993	1,432	439
	1909	23	252	918	1,105	139	669	1,020	357
	1904	19	151	566	72	419	621	262	
Morristown.....	1919	56	248	778	994	252	707	1,352	585
	1914	31	218	873	542	104	367	684	317
	1909	31	201	766	948	130	360	721	355
	1904	26	307	782	171	299	705	406	
New Brunswick.....	1919	138	7,073	17,706	39,390	8,235	18,181	42,625	24,444
	1914	113	6,448	9,619	16,251	2,055	6,567	14,814	8,247
	1909	93	5,264	6,387	11,189	2,020	4,549	10,005	5,456
	1904	71	4,590	10,393	1,792	4,158	8,917	4,759	
Newark.....	1919	2,155	86,707	139,791	422,569	104,322	337,962	577,600	239,647
	1914	2,275	63,084	100,406	214,169	36,047	113,438	210,001	97,163
	1909	1,857	59,385	78,203	180,111	33,071	114,027	201,888	87,201
	1904	1,600	50,097	119,026	25,022	80,680	130,055	69,306	
Orange.....	1919	81	2,712	3,214	10,415	2,518	5,306	13,002	7,786
	1914	72	2,126	2,900	4,554	1,278	1,030	4,568	2,019
	1909	82	1,770	2,812	4,943	1,133	1,412	3,459	2,017
Passaic.....	1919	234	18,203	42,759	115,980	18,472	76,914	129,073	52,159
	1914	195	17,142	31,701	48,659	5,049	30,940	53,268	22,328
	1909	167	14,654	23,095	42,115	5,101	23,703	40,733	16,970
	1904	95	11,000	28,611	3,866	13,110	22,783	3,073	
Paterson.....	1919	1,044	37,217	45,895	139,107	38,597	114,961	216,050	101,698
	1914	735	30,928	34,017	74,161	16,195	40,630	78,420	37,709
	1909	702	31,981	34,989	70,407	15,205	34,736	69,233	34,527
	1904	513	28,508	53,696	13,932	27,441	54,673	27,232	
Perth Amboy.....	1919	124	9,197	53,626	96,570	10,312	109,307	230,658	31,351
	1914	128	9,202	48,968	61,814	4,906	135,745	148,900	13,215
	1909	83	7,082	29,787	55,683	3,400	104,077	118,508	14,521
Phillipsburg.....	1919	53	5,403	12,374	20,499	5,393	14,007	29,408	15,401
	1914	40	4,359	9,795	15,421	2,407	5,570	11,329	5,753
	1909	39	3,432	7,061	9,764	1,732	4,770	9,150	4,380
	1904	32	3,149	6,723	1,472	3,366	6,684	3,118	
Plainfield.....	1919	94	3,421	6,415	11,870	3,028	9,822	17,510	7,718
	1914	78	1,832	4,064	7,161	1,176	2,761	5,009	2,248
	1909	60	1,753	3,912	5,508	968	1,530	3,649	2,119
	1904	49	1,988	5,101	1,020	1,154	3,572	2,418	
Rahway.....	1919	36	1,697	2,822	6,622	1,397	7,581	11,748	4,107
Trenton.....	1919	389	24,547	61,648	107,830	27,858	60,461	122,478	63,017
	1914	394	19,823	36,219	55,345	11,134	29,943	54,822	24,879
	1909	340	18,543	29,839	46,569	9,726	27,073	49,115	21,412
	1904	311	14,130	40,861	6,921	17,551	32,360	14,809	
Union.....	1919	116	1,500	3,642	8,740	1,488	3,583	8,105	4,012
	1914	75	1,479	2,998	9,989	807	2,060	4,465	2,375
	1909	83	1,855	1,829	8,861	1,005	2,478	5,883	3,405
	1904	77	1,850	7,295	875	1,302	3,512	2,120	
West Hoboken.....	1919	307	3,565	3,151	9,507	3,482	7,849	16,033	8,804
	1914	189	3,454	2,290	6,201	1,910	2,830	6,061	3,771
	1909	137	2,782	1,477	4,861	1,425	2,488	5,877	3,089
	1904	95	3,502	6,018	1,276	3,122	5,947	2,925	
West New York.....	1919	192	3,208	8,806	10,219	3,295	20,084	28,378	8,204
	1914	98	2,335	2,455	8,551	1,402	10,045	13,901	3,916
	1909	66	1,508	1,443	4,103	729	7,409	9,274	1,805
All other cities <sup>1</sup> .....	1919	47	6,334	10,304	18,592	8,463	11,727	27,844	16,117
NEW MEXICO:									
Albuquerque.....	1919	52	1,283	1,744	2,418	1,425	1,427	3,450	2,023
	1914	55	847	1,871	1,593	654	894	1,914	1,020
	1909	31	587	1,620	847	489	584	1,288	704
NEW YORK: <sup>2</sup>									
57 cities.....	1919	41,825	1,055,002	1,846,546	5,339,112	1,263,411	4,269,539	7,704,845	3,605,906
52 cities.....	1914	39,068	904,817	1,369,788	2,702,966	543,811	1,802,331	3,319,190	1,516,808
50 cities.....	1909	34,429	586,627	1,071,331	2,240,881	482,330	1,685,428	2,922,465	1,337,037
39 cities.....	1904	27,967	710,543	1,623,770	3,363,107	1,140,389	2,130,276	2,989,887	
Albany.....	1919	382	11,216	15,755	41,875	10,372	21,483	45,485	23,072
	1914	476	9,371	16,420	26,500	5,635	11,400	25,211	13,811
	1909	395	9,861	15,629	26,276	5,234	10,521	22,820	12,305
	1904	400	8,970	16,076	4,269	9,377	20,209	10,832	

<sup>1</sup> All other cities embrace: Roosevelt, Summit, and West Orange.<sup>2</sup> Does not include statistics for Lackawanna.

## STATISTICS OF CITIES.

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TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.  
 [See note at head of this table, p. 293.]

CITY	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
NEW YORK—Con.									
Amsterdam.....	1919	117	10,713	19,299	40,449	9,737	30,716	52,851	22,135
	1914	117	10,774	16,278	22,045	4,998	13,149	22,475	9,326
	1909	97	10,284	11,745	18,162	4,523	13,195	22,449	9,254
	1904	89	7,993	—	14,564	3,179	8,853	15,007	6,154
Auburn.....	1919	154	7,272	20,277	36,843	7,001	23,870	40,642	16,772
	1914	123	5,709	15,033	23,129	3,578	9,790	16,886	6,896
	1909	140	6,497	15,455	23,743	3,157	8,937	15,061	7,024
	1904	111	6,060	—	18,178	2,867	8,245	13,421	5,176
Batavia.....	1919	45	2,226	5,398	10,445	2,191	4,828	9,415	4,587
	1914	57	2,457	5,006	7,847	1,321	2,423	5,340	2,917
	1909	59	2,007	3,204	5,097	960	1,781	4,401	2,620
Beacon.....	1919	35	2,162	4,155	8,186	2,131	4,856	9,650	4,794
	1914	41	1,806	3,797	3,849	958	1,742	3,520	1,778
Binghamton.....	1919	228	7,477	9,928	27,921	6,457	21,834	40,638	18,804
	1914	245	7,248	8,158	18,237	3,653	10,384	18,360	7,976
	1909	266	6,823	7,741	14,214	3,084	8,726	17,114	8,388
	1904	241	5,636	—	11,827	2,425	6,421	13,907	7,486
Buffalo.....	1919	2,083	75,899	291,249	465,804	95,702	409,621	634,410	233,789
	1914	2,225	54,416	152,338	243,290	34,818	157,996	247,516	89,520
	1909	1,753	51,412	121,791	193,041	28,727	136,538	218,804	82,266
	1904	1,538	43,567	—	137,023	21,622	88,367	147,378	59,011
Cohoes.....	1919	93	5,013	18,578	19,774	4,332	11,695	21,551	9,856
	1914	106	5,781	18,495	14,649	2,792	6,570	11,706	5,136
	1909	101	8,127	14,181	12,451	3,357	7,106	13,518	6,412
	1904	98	6,910	—	10,063	2,707	6,284	10,290	4,006
Corning.....	1919	45	3,517	3,710	9,548	4,529	3,382	10,774	7,392
	1914	58	2,203	2,521	4,992	1,473	1,533	3,954	2,421
	1909	45	2,074	1,486	3,216	1,038	864	3,050	2,186
	1904	57	2,355	—	2,658	1,148	1,075	3,084	2,009
Cortland.....	1919	59	3,013	9,999	10,836	3,056	8,132	14,903	6,771
	1914	59	2,459	9,226	5,577	1,474	3,559	6,438	2,879
	1909	51	2,356	6,061	5,460	1,302	3,574	6,395	2,821
Dunkirk.....	1919	69	4,319	15,577	27,124	5,721	13,883	28,028	14,145
	1914	62	2,989	7,250	9,364	2,108	4,064	8,367	4,303
	1909	57	2,765	5,194	7,079	1,414	3,208	6,576	3,368
	1904	38	3,395	—	5,771	2,003	4,749	9,909	5,160
Elmira.....	1919	142	8,024	20,247	34,120	8,989	14,137	33,494	19,357
	1914	145	4,370	9,725	15,759	2,889	5,987	12,597	6,610
	1909	154	3,647	6,072	10,830	1,882	3,590	8,067	4,477
	1904	142	3,208	—	6,287	1,465	3,001	6,308	3,307
Fulton.....	1919	48	3,627	20,615	15,837	4,007	16,333	23,097	6,764
	1914	51	3,042	24,600	12,168	1,730	5,910	9,572	3,632
	1909	45	2,790	17,963	11,023	1,298	4,857	7,867	3,010
Geneva.....	1919	48	2,428	5,295	8,108	2,465	4,881	10,219	5,358
	1914	52	1,692	2,947	4,773	1,054	3,285	5,241	1,956
	1909	56	1,526	2,705	4,104	792	2,991	5,154	2,163
	1904	54	1,580	—	6,441	805	2,906	4,952	1,956
Glens Falls.....	1919	75	2,784	23,760	8,911	2,200	6,291	11,503	5,212
	1914	82	2,532	19,727	9,732	1,286	3,541	6,535	2,994
	1909	68	2,774	6,772	6,226	1,223	2,309	4,877	2,508
	1904	49	2,052	—	3,290	721	1,202	2,825	1,533
Gloversville.....	1919	206	5,612	6,331	27,616	5,443	22,370	38,913	16,543
	1914	211	5,335	4,790	11,898	2,577	7,865	13,334	5,519
	1909	187	5,741	6,163	11,969	2,791	8,002	14,171	6,109
	1904	180	5,048	—	8,027	2,031	5,252	9,341	4,039
Herkimer.....	1919	34	1,370	3,546	4,133	1,218	1,851	3,933	2,082
Hornell.....	1919	43	1,351	3,302	6,617	1,560	3,269	7,339	4,070
	1914	46	2,285	3,830	4,802	1,263	2,260	4,848	2,588
	1909	45	2,183	3,349	2,866	1,048	1,878	3,648	1,770
	1904	45	2,200	—	2,116	974	1,404	3,163	1,099
Hudson.....	1919	58	1,481	2,443	5,593	1,252	4,220	7,514	3,294
	1914	48	1,428	1,839	3,219	735	2,225	3,737	1,512
	1909	45	1,302	1,515	2,774	576	2,063	3,500	1,443
Ilion.....	1919	14	6,215	9,191	17,759	5,655	4,024	13,702	9,678
Ithaca.....	1919	72	1,390	3,176	6,744	1,889	5,183	9,935	4,752
	1914	74	815	3,262	3,400	509	863	2,244	1,301
	1909	81	873	3,045	2,978	439	840	1,920	1,080
	1904	67	878	—	2,771	424	819	2,080	1,261
Jamestown.....	1919	153	8,559	17,313	34,529	8,465	17,916	37,985	20,069
	1914	162	7,794	13,284	20,758	4,585	8,890	17,981	9,065
	1909	156	6,789	11,679	16,075	3,305	7,884	14,720	7,336
	1904	149	5,237	—	10,200	2,235	7,251	10,350	6,099

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value		
										by	manu-
										fact-	fact-
										act-	act-
Expressed in thousands of dollars.											
NEW YORK—Con.											
Johnstown.....	1919	112	2,064	4,241	11,554	2,248	11,331	17,503	6,169		
	1914	126	2,532	3,107	5,021	1,220	3,841	6,789	2,948		
	1909	138	2,589	3,410	5,204	1,175	3,025	6,574	2,649		
	1904	100	2,426	3,080	943	2,561	4,543	1,982			
Kingston.....	1919	121	3,903	5,087	11,754	3,513	8,350	15,857	7,498		
	1914	118	3,076	4,727	6,880	1,331	2,940	6,445	3,505		
	1909	99	3,281	4,648	5,924	1,366	2,582	5,986	3,404		
	1904	96	2,036	7,119	1,096	2,112	4,812	2,700			
Little Falls.....	1919	51	3,888	8,730	18,966	3,735	15,334	21,852	9,518		
	1914	49	3,823	8,442	8,525	1,961	6,153	9,927	3,774		
	1909	55	4,211	7,742	6,900	1,905	4,923	8,460	3,537		
	1904	49	2,621	4,514	1,034	2,935	4,471	1,930			
Lockport.....	1919	108	4,074	19,389	18,948	4,723	18,076	29,303	11,227		
	1914	147	2,381	16,382	10,239	1,416	5,846	8,955	3,100		
	1909	109	2,138	14,335	6,123	1,130	5,350	8,168	2,818		
	1904	109	2,323	6,123	1,110	3,310	5,808	2,492			
Middletown.....	1919	78	2,162	5,163	9,024	2,155	4,877	9,803	4,026		
	1914	77	1,989	3,384	4,794	1,073	2,574	4,443	1,869		
	1909	59	1,733	2,548	3,091	902	2,905	4,058	1,753		
	1904	50	1,596	2,298	740	1,950	3,356	4,400			
Mount Vernon.....	1919	159	2,746	2,343	7,214	2,985	4,042	12,003	7,061		
	1914	133	1,346	1,777	2,684	842	1,284	3,167	1,883		
	1909	90	1,207	1,610	3,202	802	1,286	3,376	2,090		
	1904	54	670	7,284	426	788	4,877	1,932			
Newburgh.....	1919	101	5,389	9,801	29,230	5,023	16,574	20,872	13,298		
	1914	128	4,318	6,954	11,606	2,204	5,274	9,087	4,713		
	1909	103	4,198	4,627	8,316	2,068	4,706	9,651	4,945		
	1904	79	4,013	6,608	1,789	3,270	7,036	3,700			
New Rochelle.....	1919	69	1,293	1,621	2,803	1,191	1,871	4,406	2,535		
	1914	61	870	781	1,761	567	853	1,736	883		
	1909	42	735	620	1,377	482	814	1,669	855		
	1904	28	517	814	342	462	1,103	641			
New York City.....	1919	32,590	638,775	718,577	3,038,557	805,822	2,861,470	5,260,708	2,390,222		
	1914	29,621	585,279	550,062	1,026,104	357,498	1,220,153	2,292,822	1,063,677		
	1909	25,938	553,024	428,838	1,361,860	323,414	1,090,783	2,027,425	936,042		
	1904	20,889	464,716	1,042,946	248,128	818,029	1,526,523	708,404			
Niagara Falls.....	1919	188	12,288	60,319	92,188	15,574	51,060	80,247	38,187		
	1914	156	9,390	130,085	64,221	1,064	25,425	44,817	19,392		
	1909	156	6,089	85,792	37,239	3,588	14,271	28,652	14,381		
	1904	86	4,574	27,116	2,348	9,192	16,910	7,724			
North Tonawanda.....	1919	65	4,366	20,217	22,788	5,346	14,985	25,431	10,436		
	1914	74	3,574	11,784	12,126	1,956	6,085	10,040	3,955		
	1909	81	2,824	15,388	8,274	1,582	6,389	9,600	3,211		
Ogdensburg.....	1919	57	757	2,053	2,941	508	3,510	5,153	1,645		
	1914	71	898	2,734	2,195	417	2,103	3,7401	1,298		
	1909	75	1,259	3,404	2,617	517	3,508	4,948	1,446		
	1904	55	929	2,723	2,723	2,263	3,057	794			
Olean.....	1919	66	4,669	8,595	20,815	5,533	22,088	32,121	9,133		
	1914	53	2,038	6,470	13,389	1,866	10,055	11,577	1,522		
	1909	54	2,250	5,202	8,052	1,339	7,728	10,005	2,277		
Oneida.....	1919	47	1,207	2,026	4,168	1,270	2,724	5,403	2,070		
Oneonta.....	1919	31	1,657	2,883	3,342	1,848	2,880	5,020	2,743		
Ossining.....	1919	31	1,337	2,107	1,462	778	1,239	2,373	1,134		
	1914	31	387	1,030	3,115	369	1,085	2,302	1,217		
	1909	32	373	780	2,229	226	424	1,120	696		
Oswego.....	1919	69	4,470	12,723	19,157	4,366	13,707	25,212	11,415		
	1914	76	4,331	10,050	11,774	2,216	8,087	12,650	4,593		
	1909	81	3,817	9,763	11,249	1,813	6,103	10,413	4,310		
	1904	77	3,746	6,710	1,402	4,717	7,502	2,875			
Peekskill.....	1919	66	2,066	8,084	6,303	1,960	5,502	10,624	5,122		
	1914	53	1,781	6,233	3,810	1,075	3,043	8,301	5,258		
	1909	52	2,003	3,138	3,813	1,241	3,942	7,940	4,998		
	1904	46	1,957	3,895	1,026	2,282	7,262	4,970			
Plattsburg.....	1919	39	787	5,183	3,139	738	2,227	4,016	1,788		
	1914	39	822	5,207	2,678	470	1,083	1,884	801		
	1909	41	1,049	5,739	2,694	513	1,745	3,137	1,392		
Port Chester.....	1919	49	2,685	5,923	11,395	2,901	10,224	17,139	6,915		
	1914	50	2,278	3,144	6,950	1,071	4,305	6,741	2,376		
	1909	34	2,122	3,175	5,417	1,040	4,654	6,243	1,089		

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
NEW YORK—Con.									
Port Jervis.....	1919	35	2,003	1,712	2,730	2,230	4,297	8,243	3,046
Poughkeepsie.....	1919	156	5,935	9,824	28,895	5,708	13,467	28,900	15,442
1914	176	4,729	6,633	13,935	2,284	6,115	12,791	6,676	5,222
1909	110	3,268	3,151	10,209	1,644	3,815	9,037	3,674	3,016
1904	108	3,775		6,657	1,641	3,533	7,207	2,755	1,332
Rensselaer.....	1919	22	1,303	3,820	9,697	1,550	4,784	9,800	1,130
1914	32	811	1,227	2,318	558	1,423	2,755		
1909	33	763	1,263	2,146	364	1,166	2,296		
Rochester.....	1919	1,367	63,792	93,333	273,320	69,246	164,283	351,416	187,133
1914	1,244	44,113	57,565	127,480	26,600	58,530	140,697	82,167	62,002
1909	1,203	39,108	39,277	95,708	21,518	50,674	112,676		
1904	1,109	31,770		69,807	14,702	37,918			
Rome.....	1919	71	4,428	17,874	25,803	5,062	23,372	34,869	11,497
1914	95	3,937	12,933	12,715	2,038	12,463	16,730	4,267	
1909	119	3,633	8,844	8,903	1,851	10,204	14,423	4,219	
1904	89	3,200		5,722	1,392	5,604	8,631	2,937	
Saratoga Springs.....	1919	40	855	1,190	2,355	703	1,889	4,093	2,204
1914	51	869	1,422	3,670	494	1,416	2,893	1,477	
1909	39	833	1,718	4,350	464	883	2,337	1,454	
1904	35	590		3,485	284	702	1,709	1,007	
Schenectady.....	1919	131	21,062	114,102	102,121	28,316	45,851	106,531	60,680
1914	15	17,707	61,584	57,388	12,813	22,521	48,763	28,242	
1909	134	14,931	40,181	51,816	10,002	21,952	38,105	16,213	
1904	103	14,316		22,051	9,382	16,497	33,084	16,587	
Syracuse.....	1919	25	183	49,541	120,520	31,858	74,683	150,091	75,408
1914	742	17,551	26,100	63,820	11,031	23,751	52,164	28,413	
1909	738	18,148	20,706	51,726	10,422	21,776	49,435	27,659	
1904	637	14,554		38,653	7,116	16,082	34,687	18,605	
Tonawanda.....	1919	37	1,833	7,967	12,534	2,668	7,833	16,464	8,631
Troy.....	1919	253	15,929	18,770	57,138	12,370	35,796	74,837	39,041
1914	364	17,421	19,483	42,380	8,768	17,618	39,930	22,312	
1909	365	20,102	18,997	39,975	9,440	16,697	39,293	22,596	
1904	311	19,114		32,697	7,853	13,746	31,861	18,115	
Utica.....	1919	370	16,423	40,410	67,255	10,255	42,209	77,746	35,537
1914	308	12,714	25,044	30,762	6,545	16,853	30,490	13,637	
1909	317	13,153	21,874	27,796	5,904	10,646	31,199	14,553	
1904	338	10,882		21,184	4,477	12,774	22,880	10,106	
Watertown.....	1919	82	3,914	13,970	31,675	4,156	9,847	19,037	9,190
1914	91	3,148	13,458	17,255	1,835	5,109	9,284	4,175	
1909	107	3,291	13,543	18,662	1,798	3,821	8,527	4,706	
1904	85	3,020		10,869	1,612	3,342	7,251	3,909	
Watervliet.....	1919	34	1,600	9,680	7,779	1,506	4,335	8,903	4,168
1914	40	759	973	1,659	368	805	1,612	807	
1909	36	753	904	1,423	302	816	1,669	853	
1904	36	1,111		1,363	470	839	1,738	899	
White Plains.....	1919	58	329	617	1,373	393	847	1,753	906
1914	44	316	472	5,060	219	358	990	632	
1909	33	249	404	2,065	180	372	816	444	
Yonkers.....	1919	218	11,932	19,480	73,404	14,002	106,450	140,017	33,567
1914	186	12,050	20,329	59,409	6,455	52,108	67,223	15,115	
1909	158	12,711	16,978	58,769	6,726	43,202	50,334	16,132	
1904	106	9,770		33,731	4,519	23,330	33,549	10,219	
NORTH CAROLINA:									
14 cities.....	1919	862	42,216	88,271	220,251	36,096	210,118	398,643	188,525
10 cities.....	1914	618	20,038	57,019	76,503	10,512	51,300	100,987	49,687
7 cities.....	1909	465	19,700	34,691	47,067	6,028	30,391	62,337	31,946
6 cities.....	1904	323	11,153		19,773	3,056	11,164	23,856	12,692
Ashville.....	1919	51	1,119	2,489	5,074	1,226	4,590	7,091	2,501
1914	45	951	2,575	2,015	386	2,138	3,149	1,011	
1909	51	978	2,075	2,812	356	2,264	3,198	934	
1904	46	792		1,522	229	1,247	1,918	671	
Charlotte.....	1919	111	5,161	19,585	21,986	4,062	30,996	43,096	12,100
1914	107	3,709	10,990	11,808	1,477	7,482	10,062	3,480	
1909	108	4,199	12,384	9,451	1,557	6,531	10,460	3,929	
1904	73	2,234		4,850	693	2,869	4,850	1,981	
Durham.....	1919	74	5,077	8,763	43,499	4,130	34,660	70,659	35,990
1914	62	4,764	8,405	17,752	1,501	12,503	27,597	18,094	
1909	60	3,699	5,217	14,986	1,079	9,654	23,027	13,373	
Gastonia.....	1919	34	2,943	11,052	11,690	1,923	6,566	12,013	5,447

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
									Expressed in thousands of dollars.
<b>NORTH CAROLINA—Continued.</b>									
Goldsboro.....	1919	50	1,100	4,617	3,361	915	2,279	4,142	1,863
Greensboro.....	1919	83	1,615	2,768	6,002	1,211	4,120	7,458	3,338
High Point.....	1919	70	1,229	2,271	4,138	509	2,106	3,464	1,358
New Bern.....	1909	61	952	1,545	1,036	338	1,106	2,031	925
Raleigh.....	1919	63	1,098	1,548	317	978	1,744	766	766
Rocky Mount.....	1919	81	4,076	5,346	8,403	2,829	7,793	14,869	7,076
Salisbury.....	1914	82	3,582	5,240	4,015	1,255	3,145	5,932	2,787
Wilson.....	1919	62	1,581	3,407	5,196	1,446	2,316	3,702	3,386
Winston-Salem <sup>1</sup> .....	1919	31	1,050	4,612	4,285	821	3,192	5,127	1,935
Wilming-ton.....	1919	65	1,846	4,674	5,449	1,895	6,011	10,537	4,526
Winston-Salem <sup>1</sup> .....	1914	73	9,634	8,253	25,703	2,858	16,213	37,288	21,075
Winston-Salem <sup>1</sup> .....	1909	66	7,636	5,920	14,703	1,830	7,057	18,240	10,583
Winston-Salem <sup>1</sup> .....	1904	47	4,850	.....	9,212	986	3,843	11,353	7,510
<b>NORTH DAKOTA:</b>									
3 cities.....	1919	174	1,560	3,764	7,804	1,774	14,312	10,111	4,700
2 cities.....	1914	108	1,033	2,188	4,316	735	2,734	4,822	2,088
2 cities.....	1909	99	860	1,562	3,453	543	2,061	4,387	1,726
Fargo.....	1919	101	723	1,627	4,102	861	4,348	6,771	2,423
Grand Forks.....	1914	76	690	1,275	2,970	447	1,741	3,088	1,265
Minot.....	1909	61	510	789	2,077	328	1,410	2,477	1,067
Minot.....	1919	47	501	1,175	2,030	530	5,318	6,770	1,461
Minot.....	1914	32	343	913	1,346	288	903	1,816	823
Minot.....	1909	28	350	773	1,376	218	1,251	1,910	656
Akron.....	1919	26	336	962	1,672	383	4,646	5,561	915
<b>Ohio:<sup>2</sup></b>									
48 cities.....	1919	10,537	577,271	1,030,840	2,892,387	747,250	2,283,030	4,050,713	1,770,674
41 cities.....	1914	9,514	385,608	1,308,482	1,204,038	245,400	770,430	1,372,100	601,070
36 cities.....	1909	8,768	323,131	1,025,041	950,405	179,586	606,325	1,074,402	468,164
28 cities.....	1904	7,297	251,438	.....	507,436	128,250	368,734	677,497	308,763
Alliance.....	1919	74	5,117	12,481	23,008	5,709	14,789	32,871	18,083
Alliance.....	1914	52	2,332	4,678	8,665	1,617	3,656	7,175	3,610
Ashtabula.....	1919	62	4,172	9,013	10,767	5,813	10,960	20,000	12,130
Ashtabula.....	1914	57	1,808	7,327	4,208	1,345	2,825	5,021	2,190
Barberton.....	1904	36	1,471	2,379	2,076	814	2,084	3,450	1,375
Barberton.....	1919	32	840	.....	1,280	456	993	1,805	889
Bellaire.....	1914	34	4,702	29,000	33,880	6,201	14,693	27,713	13,017
Bellaire.....	1919	45	9,118	7,211	14,624	1,734	4,106	8,543	4,737
Bucyrus.....	1919	40	2,277	15,387	8,995	2,720	9,028	14,302	4,574
Bucyrus.....	1909	36	2,607	17,790	6,427	1,412	7,150	10,001	2,992
Cambridge.....	1919	43	1,801	5,590	7,500	2,238	4,401	8,336	4,036
Cambridge.....	1914	32	1,782	5,160	4,214	3,038	5,853	11,227	5,374
Canton.....	1909	32	1,455	5,742	2,060	1,112	2,340	3,024	1,684
Canton.....	1919	287	20,336	52,933	102,977	20,122	65,078	124,293	60,215
Canton.....	1914	276	12,265	43,071	37,960	8,550	21,808	43,713	21,005
Canton.....	1909	204	9,904	27,016	25,342	5,719	14,644	28,583	13,939
Canton.....	1904	158	5,938	.....	12,850	2,904	4,594	10,591	5,997

<sup>1</sup> Incorporated 1913. Statistics for 1904 are for Winston only.<sup>2</sup> Does not include statistics for Cleveland Heights and East Youngstown.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-facture.									
Expressed in thousands of dollars.																		
<b>Ohio—Continued.</b>																		
Chillicothe.....	1919	35	1,638	5,036	5,165	1,810	4,340	7,667	3,327									
	1914	46	1,557	4,765	2,905	852	2,571	4,083	1,512									
	1909	57	1,674	3,558	2,364	707	3,038	4,345	1,307									
	1904	64	1,563	—	1,694	570	1,928	3,147	1,219									
Cincinnati.....	1919	2,239	69,680	121,526	268,015	65,650	296,280	500,041	203,761									
	1914	2,155	59,861	106,689	157,448	33,159	114,107	210,860	96,753									
	1909	2,183	60,182	88,522	149,896	31,067	101,407	192,516	91,109									
	1904	2,171	58,584	—	130,272	27,390	83,258	166,089	82,801									
Cleveland.....	1919	2,946	157,730	460,108	762,585	211,206	613,449	1,091,577	478,128									
	1914	2,345	103,317	277,066	312,900	67,351	198,493	352,418	153,925									
	1909	2,148	81,728	190,808	227,397	48,053	154,015	271,961	117,046									
	1904	1,616	64,041	—	156,321	33,450	97,578	171,924	74,346									
Columbus.....	1919	690	26,751	66,292	99,383	30,979	112,719	184,022	73,303									
	1914	643	17,236	35,522	52,098	11,177	30,630	57,608	26,972									
	1909	586	16,428	35,780	48,747	8,892	25,204	49,032	23,823									
	1904	459	14,350	—	29,225	7,287	19,244	39,530	20,286									
Coshocton.....	1919	45	1,050	5,439	5,312	1,652	3,873	7,685	3,812									
	1914	47	1,614	3,501	2,030	805	1,814	3,477	1,663									
Cuyahoga Falls.....	1919	30	784	4,193	4,970	1,091	3,040	5,829	2,789									
Dayton.....	1919	571	31,131	52,749	121,658	30,680	75,461	174,991	96,530									
	1914	523	24,061	42,109	71,541	14,076	32,954	71,071	38,117									
	1909	513	21,549	31,501	61,316	12,451	27,528	60,378	32,850									
	1904	431	17,993	—	32,901	8,693	18,505	39,507	21,092									
East Cleveland.....	1919	17	88	217	233	104	191	421	230									
	1914	7	120	397	239	81	147	296	149									
East Liverpool.....	1919	67	4,311	5,911	7,603	4,546	4,891	12,501	7,610									
	1914	80	4,830	6,051	8,593	2,935	2,842	7,093	4,251									
	1909	82	4,873	5,528	7,988	2,764	2,521	6,629	4,108									
	1904	81	5,228	—	6,972	2,703	2,107	4,437	4,330									
Elyria.....	1919	75	4,900	14,481	21,750	6,029	10,227	25,191	14,964									
	1914	63	2,735	10,814	9,486	1,759	5,016	8,792	3,776									
	1909	58	2,073	9,058	7,324	1,573	4,495	8,065	3,570									
Findlay.....	1919	75	1,715	4,098	4,984	1,543	4,828	7,024	3,096									
	1914	78	1,737	3,561	3,708	778	2,791	4,663	1,872									
	1909	74	1,376	2,574	2,955	574	2,094	3,487	1,393									
	1904	71	1,343	—	2,659	625	1,579	2,025	1,346									
Fremont.....	1919	53	2,909	5,752	9,936	3,114	5,438	12,915	7,477									
	1914	65	2,063	3,664	4,086	1,097	2,296	4,780	2,484									
Hamilton.....	1919	130	8,553	27,596	33,678	10,094	22,637	47,024	24,387									
	1914	129	6,043	16,767	21,888	3,565	9,015	16,877	7,862									
	1909	125	6,895	22,563	24,629	3,798	9,640	18,184	8,544									
	1904	113	6,107	—	18,874	3,321	6,384	13,811	7,427									
Ironton.....	1919	52	1,971	16,968	10,819	2,252	8,837	14,072	5,235									
	1914	50	1,420	15,147	5,255	721	3,294	4,666	1,372									
	1909	63	1,920	15,548	4,993	888	4,994	7,118	2,124									
	1904	57	1,800	—	3,356	824	3,423	4,755	1,332									
Kennmore.....	1919	7	135	391	554	166	604	844	240									
Lakewood.....	1919	33	1,821	2,435	8,171	2,254	3,853	7,603	3,750									
	1914	22	1,774	2,069	4,464	1,022	1,604	3,606	2,002									
Lancaster.....	1919	43	2,024	3,189	5,412	2,033	6,732	11,479	4,747									
	1914	53	1,583	2,874	5,589	790	3,287	4,603	1,316									
	1909	42	1,532	2,453	4,459	677	3,051	4,074	1,022									
Lima.....	1919	108	4,901	11,075	18,348	5,293	12,743	23,639	10,896									
	1914	97	4,876	7,518	10,201	3,178	6,309	11,590	5,230									
	1909	85	3,607	3,264	5,488	2,024	3,869	7,754	3,885									
	1904	77	2,733	—	3,894	1,322	2,255	4,828	2,573									
Lorain.....	1919	55	11,077	148,253	130,836	22,955	65,995	116,900	50,914									
	1914	66	6,436	211,182	38,360	4,660	17,929	20,110	11,181									
	1909	57	6,697	208,902	34,387	4,788	24,222	38,987	14,765									
	1904	43	3,102	—	10,599	2,832	9,708	14,491	4,783									
Mansfield.....	1919	132	4,711	9,123	21,841	5,570	17,350	31,878	14,519									
	1914	103	3,398	6,637	10,459	2,020	4,772	10,282	5,510									
	1909	121	3,204	5,077	8,539	1,472	4,356	8,173	3,817									
	1904	109	3,021	—	8,295	1,309	3,523	7,354	3,831									
Marlette.....	1919	59	1,285	3,716	5,586	1,213	2,852	5,917	3,065									
	1914	71	1,401	3,117	3,405	844	2,383	4,129	1,746									
	1909	66	1,288	2,742	3,275	594	1,787	3,214	1,427									
	1904	73	1,314	—	2,557	610	1,366	2,599	1,233									
Marion.....	1919	70	4,125	9,601	17,222	4,831	10,374	20,713	10,339									
	1914	66	2,577	5,575	9,699	1,512	2,562	6,385	3,823									
	1909	55	2,619	3,686	7,804	1,405	2,577	5,667	3,090									
	1904	47	1,721	—	3,305	865	1,352	2,228	1,876									
Martins Ferry....	1919	40	1,517	11,355	7,083	2,732	10,272	15,402	5,130									

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 283.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value added
			earners	horse-	lials.	number).	lials.	als.	by
year.	estab-	average	(average	power.	lials.	number).	lials.	als.	manu-
Expressed in thousands of dollars.									
Ohio—Continued.									
Massillon.....	1919	80	2,153	9,934	43,337	2,715	7,074	13,985	6,911
	1914	70	1,768	5,544	7,483	1,166	2,710	5,203	2,574
	1909	56	1,934	4,730	7,788	1,127	2,290	4,788	2,498
	1904	52	1,995	—	7,745	1,158	1,582	3,707	2,125
Middletown.....	1919	56	6,442	50,386	59,026	8,729	35,687	62,338	27,151
	1914	63	4,003	35,328	23,974	2,888	10,580	21,787	11,207
	1909	41	2,576	9,304	10,564	1,389	7,950	16,517	8,587
New Philadelphia.....	1919	43	1,247	4,424	4,026	1,912	4,852	8,416	3,594
Newark.....	1919	79	4,570	10,314	15,056	4,532	8,272	16,563	8,201
	1914	79	4,582	8,071	8,953	2,960	3,574	9,277	5,703
	1909	72	3,913	8,630	9,036	1,958	3,982	7,551	3,869
	1904	78	3,627	—	3,894	2,130	2,433	5,613	3,180
Niles.....	1919	40	2,945	16,834	14,834	4,559	10,070	18,356	8,283
Norwood.....	1919	70	8,283	16,218	36,512	8,149	20,223	47,917	27,724
	1914	58	5,608	9,365	21,102	3,614	7,217	16,724	9,507
	1909	49	3,907	8,381	13,368	2,081	4,021	9,684	5,603
Piqua.....	1919	66	3,293	7,212	12,586	3,037	10,955	19,921	8,906
	1914	78	2,777	5,721	6,717	1,508	4,554	7,988	3,434
	1909	82	2,683	5,062	5,444	1,202	3,852	6,931	3,070
	1904	76	2,044	—	3,106	947	1,008	4,030	2,128
Portsmouth.....	1919	60	5,014	22,302	22,283	6,907	20,178	36,646	10,408
	1914	76	3,507	5,006	7,515	1,751	4,070	7,682	3,003
	1909	75	3,728	4,028	6,385	1,450	3,894	7,277	3,383
	1904	81	4,072	—	4,670	1,479	3,520	6,645	3,125
Salem.....	1919	36	2,237	7,070	9,508	3,070	4,221	11,070	6,849
Sandusky.....	1919	115	3,447	15,049	18,139	3,606	10,660	19,249	8,589
	1914	107	2,727	7,415	9,510	1,686	4,059	8,285	4,220
	1909	91	2,118	4,850	6,495	1,006	2,835	5,947	3,112
	1904	83	2,323	—	6,727	1,028	2,436	4,870	2,743
Springfield.....	1919	206	12,204	20,191	54,585	13,372	33,890	67,759	33,809
	1914	253	7,808	13,113	32,401	5,328	13,704	27,722	14,018
	1909	195	7,405	10,179	22,485	3,085	8,019	19,246	10,337
	1904	157	6,258	—	19,730	3,263	5,762	13,382	7,020
Steubenville.....	1919	57	3,855	44,631	35,341	6,689	16,376	30,903	14,527
	1914	60	4,506	36,731	19,387	3,430	11,432	16,050	5,527
	1909	55	4,267	37,748	18,424	3,263	14,443	21,187	6,744
	1904	72	4,184	—	12,627	2,328	8,243	12,370	4,127
Tiffin.....	1919	75	2,213	3,748	7,751	2,439	4,730	10,516	5,760
	1914	76	2,177	4,464	5,314	1,410	2,302	4,896	2,064
	1909	75	1,032	3,257	3,727	828	1,232	3,254	2,002
	1904	87	1,645	—	2,714	664	1,000	2,434	1,494
Toledo.....	1919	671	42,090	93,227	203,033	63,363	173,288	263,521	120,233
	1914	713	27,076	53,360	91,149	18,124	70,494	115,049	44,555
	1909	700	18,878	43,046	58,319	9,911	34,084	61,230	27,146
	1904	597	15,057	—	38,445	8,000	25,466	44,501	19,035
Warren.....	1919	96	2,433	6,083	11,229	3,274	11,030	10,747	7,817
	1914	82	2,802	5,747	8,550	1,031	6,935	10,400	4,046
	1909	68	1,708	5,530	4,511	911	3,064	5,988	2,924
Youngstown.....	1919	239	19,414	303,887	186,775	38,319	163,009	241,458	78,359
	1914	201	15,861	103,605	130,102	12,349	69,077	92,111	29,034
	1909	115	10,498	140,907	87,100	7,835	32,202	81,271	18,079
	1904	113	8,085	—	40,986	5,460	35,183	46,853	11,070
Zanesville.....	1919	97	3,014	7,557	10,137	2,942	7,427	13,438	6,011
	1914	97	3,035	7,004	5,802	1,085	5,246	8,300	3,654
	1909	108	2,932	7,783	5,486	1,582	5,036	8,020	2,904
	1904	99	3,098	—	4,995	1,500	3,291	6,347	3,080
OKLAHOMA:									
12 cities.....	1919	745	11,433	34,042	74,305	13,717	100,837	133,759	32,002
9 cities.....	1914	591	6,163	22,821	20,479	3,985	26,204	36,309	10,105
8 cities.....	1909	486	4,176	14,336	12,030	2,699	12,807	19,805	6,968
2 cities.....	1904	123	1,023	—	4,716	608	3,031	4,871	1,388
Ardmore.....	1919	35	305	1,298	5,017	350	3,568	4,906	1,398
Bartlesville.....	1919	32	246	762	1,087	336	383	1,006	1,223
Chickasha.....	1919	24	548	1,847	1,960	693	3,376	4,599	1,223
	1914	29	387	1,633	1,315	236	1,277	1,720	443
	1909	30	364	1,488	1,117	242	1,285	1,867	582
Enid.....	1919	51	478	2,247	5,198	578	10,881	13,074	2,222
	1914	45	283	1,715	1,007	175	2,041	2,611	583
	1909	65	303	1,722	1,007	101	1,807	2,453	646

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1900, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value added
year.	estab-	lish-	(average	horse-	ma-	products.	by		
Expressed in thousands of dollars.									
OKLAHOMA—Contd.									
Guthrie.....	1910	36	244	976	806	179	2,803	3,330	527
	1914	30	185	1,211	612	116	563	853	290
	1909	34	282	1,281	1,092	163	947	1,443	496
	1904	34	333	794	186	701	1,200	499	
McAlester.....	1910	20	149	1,053	976	168	1,059	1,529	470
	1914	33	171	1,111	985	101	298	574	276
	1909	29	180	895	619	101	195	451	256
Muskogee.....	1910	82	1,218	3,807	5,302	1,539	5,376	8,403	3,027
	1914	80	828	2,220	1,710	560	1,573	2,755	1,182
	1909	64	381	1,421	669	241	1,478	2,279	801
Oklahoma City.....	1910	227	4,375	12,453	20,371	4,805	58,644	69,971	11,327
	1914	195	2,226	9,172	9,002	1,353	16,232	20,726	4,494
	1909	171	1,398	4,132	4,482	973	5,146	7,888	2,722
	1904	89	720	-----	3,922	422	2,362	3,671	1,309
Okmulgee.....	1910	29	455	816	8,464	554	3,005	3,991	986
Sapulpa.....	1910	29	552	1,531	1,443	641	1,081	2,197	1,116
	1914	30	433	670	459	228	235	604	369
Shawnee.....	1910	45	1,114	2,055	2,121	1,467	3,554	5,743	2,189
	1914	46	845	2,050	1,634	533	1,808	2,598	700
	1909	40	806	1,831	1,501	473	1,165	1,941	776
Tulsa.....	1910	135	1,749	5,207	12,620	2,317	6,657	14,050	7,393
	1914	103	845	3,030	3,195	684	2,170	3,868	1,698
	1909	53	462	1,586	1,153	315	874	1,563	689
OREGON:									
4 cities.....	1910	1,060	20,831	82,825	125,590	42,483	128,870	221,703	92,833
4 cities.....	1914	998	13,415	48,524	50,979	9,979	38,502	63,940	25,348
2 cities.....	1909	711	12,811	33,810	30,657	9,346	27,253	49,069	21,816
1 cities.....	1904	437	8,171	-----	10,725	5,342	17,024	28,651	11,627
Astoria.....	1910	78	1,404	6,832	11,881	2,072	9,270	13,398	4,128
	1914	57	1,172	8,090	5,293	866	2,640	4,587	1,938
Eugene.....	1910	52	534	2,183	1,707	474	1,472	2,490	1,018
	1914	37	238	1,061	651	167	407	810	403
Portland.....	1910	846	26,813	70,536	106,365	38,758	111,387	106,380	84,993
	1914	837	11,273	36,188	48,670	8,542	33,899	55,697	21,798
	1909	649	12,214	32,122	37,996	8,970	26,076	46,861	20,785
	1904	437	8,171	-----	19,725	5,342	17,024	28,651	11,627
Salem.....	1910	84	1,080	3,324	5,637	1,179	6,741	9,435	2,694
	1914	67	732	3,185	2,305	404	1,637	2,846	1,209
	1909	62	597	1,688	1,661	367	1,177	2,208	1,031
PENNSYLVANIA:									
77 cities.....	1910	10,734	701,136	2,442,306	3,634,629	864,457	2,725,335	4,662,795	1,937,460
68 cities.....	1914	15,674	576,006	1,864,969	1,887,055	328,868	1,054,558	1,772,816	718,250
63 cities.....	1909	15,005	549,491	1,505,824	1,066,294	284,900	990,081	1,053,105	663,024
42 cities.....	1904	12,417	407,712	-----	1,160,367	224,511	670,511	1,171,819	501,308
Allentown.....	1910	336	14,812	28,333	50,811	14,583	51,120	90,834	39,714
	1914	207	13,685	22,219	26,716	6,501	20,705	33,918	13,213
	1909	274	11,481	19,101	21,589	5,061	15,581	28,263	10,682
	1904	257	8,984	-----	13,455	3,312	9,873	16,841	6,068
Altoona.....	1910	64	12,800	10,790	28,067	10,367	31,166	53,946	22,780
	1914	70	10,732	7,682	13,794	6,915	13,753	22,593	8,840
	1909	44	8,409	9,158	10,094	5,750	9,134	16,763	7,029
	1904	73	9,540	-----	11,238	5,564	7,248	14,350	7,102
Ambridge.....	1910	22	3,414	8,070	23,604	5,229	15,574	26,768	11,194
Beaver Falls.....	1910	71	3,204	9,334	14,831	4,134	10,532	20,414	9,882
	1914	59	2,689	7,327	9,481	1,616	4,222	7,968	3,741
	1909	44	2,180	5,141	5,508	1,218	3,915	6,400	3,835
	1904	42	2,232	-----	6,518	1,123	2,242	4,908	2,666
Bethlehem.....	1910	86	14,961	84,890	115,170	21,657	55,370	102,507	47,188
	1914	40	1,490	2,485	4,116	632	2,262	3,787	1,525
	1909	49	1,583	3,086	3,300	593	2,330	3,712	1,382
Braddock.....	1910	49	1,170	10,376	6,438	2,245	5,906	9,439	3,533
	1914	39	1,140	8,206	5,215	804	2,651	4,022	1,371
	1909	41	1,040	4,332	5,369	785	3,347	5,094	1,747
	1904	38	1,225	-----	3,288	756	2,738	4,125	1,387
Bradford.....	1910	83	1,530	6,988	8,066	1,780	6,392	10,861	4,466
	1914	71	1,178	3,967	4,535	687	2,617	4,034	1,417
	1909	82	1,318	3,856	4,226	655	2,442	3,887	1,445
	1904	80	1,490	-----	3,276	841	1,598	3,192	1,599
Bristol.....	1910	34	1,470	5,380	5,708	1,386	2,592	5,698	3,106
	1914	32	1,809	4,487	4,213	811	4,137	5,037	900

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.									
Expressed in thousands of dollars.																		
<b>PENNSYLVANIA—</b>																		
Continued.																		
Butler.....	1919	77	3,744	20,804	32,803	4,733	33,740	44,477	10,737									
	1914	69	3,303	13,875	18,380	2,051	11,005	15,006	4,001									
	1909	60	2,807	11,885	16,753	1,561	7,581	11,031	3,453									
	1904	48	2,093	—	9,910	1,114	4,660	6,832	2,172									
Canonsburg.....	1919	32	2,971	8,261	6,126	4,518	9,524	16,891	7,370									
Carbondale.....	1919	43	1,861	2,107	3,440	730	1,514	3,188	1,674									
	1914	43	1,897	2,196	2,896	945	1,531	3,170	1,639									
	1909	34	1,503	1,407	2,307	636	1,253	2,523	1,270									
	1904	32	1,475	—	2,679	606	1,143	2,316	1,203									
Carlisle.....	1919	44	1,422	1,553	5,107	1,066	3,461	6,543	3,070									
	1914	50	1,603	2,375	2,907	701	2,073	3,115	1,342									
	1909	50	1,334	1,735	2,054	511	1,431	2,496	1,065									
Carnegie.....	1919	26	1,222	1,662	3,246	278	1,028	2,790	862									
	1914	19	337	1,342	2,202	231	902	1,724	822									
	1909	18	337	1,145	2,253	220	827	1,184	557									
Carrick.....	1919	5	16	29	57	22	54	121	67									
Chambersburg.....	1919	50	1,996	4,641	7,478	2,241	4,432	8,702	4,360									
	1914	59	1,350	3,741	3,740	755	1,517	3,075	1,528									
	1909	57	1,364	3,126	3,484	599	1,470	2,456	1,286									
Charleroi.....	1919	35	2,023	4,972	4,290	2,217	2,557	5,687	3,130									
	1914	29	1,904	4,025	3,438	1,061	1,272	2,900	1,037									
Chester.....	1919	127	18,677	44,048	75,028	27,414	52,672	95,940	43,277									
	1914	153	6,295	19,160	25,148	5,506	13,101	21,021	7,020									
	1909	128	6,986	17,131	23,928	3,392	11,576	19,373	7,797									
	1904	131	7,061	—	22,070	3,417	10,422	16,645	6,223									
Columbia.....	1919	56	2,322	4,067	4,994	2,117	5,296	9,812	4,516									
	1914	61	2,141	4,146	3,513	825	1,855	3,341	1,483									
	1909	47	2,773	6,589	3,590	1,107	2,671	4,807	2,136									
	1904	44	3,034	—	2,994	943	2,453	3,887	1,434									
Connellsville.....	1919	51	1,623	6,884	4,558	1,979	2,017	4,663	2,646									
	1914	42	1,087	3,205	3,246	680	780	1,994	1,205									
	1909	39	1,035	4,526	3,275	576	817	1,971	1,154									
Dickson City.....	1919	10	806	1,240	961	413	193	903	710									
Dubois.....	1919	41	1,397	2,953	4,306	1,851	1,298	3,937	2,639									
	1914	34	1,105	3,130	3,206	686	1,245	2,305	1,150									
	1909	36	920	3,174	2,333	484	829	1,753	924									
Dunmore.....	1919	27	1,360	1,491	1,928	1,408	1,712	3,625	1,916									
	1914	24	948	1,731	1,835	352	477	1,269	792									
	1909	18	1,019	1,266	938	360	528	1,494	966									
	1904	15	1,133	—	1,041	464	550	1,460	910									
Easton.....	1919	102	9,962	20,516	5,304	14,034	27,012	12,078										
	1914	46	4,672	7,272	9,452	2,278	4,671	10,357	5,686									
	1909	128	3,388	5,965	7,687	1,524	3,424	6,915	3,491									
	1904	97	2,720	—	4,336	1,180	2,084	5,059	2,375									
Erie.....	1919	293	13,297	40,510	68,362	10,574	31,493	70,408	38,009									
	1914	363	11,016	26,852	38,530	6,736	16,093	29,447	13,362									
	1909	390	9,619	21,758	20,703	4,901	11,931	23,812	11,878									
	1904	261	8,415	—	22,963	4,363	9,427	18,030	9,212									
Greensburg.....	1919	66	653	2,724	2,784	741	1,954	4,000	2,046									
	1914	53	494	1,043	1,039	462	536	1,382	846									
	1909	46	270	533	803	147	313	687	374									
Harrisburg.....	1919	216	10,522	27,303	38,757	11,847	26,039	52,153	26,114									
	1914	219	7,966	24,216	21,650	4,457	10,605	18,872	8,267									
	1909	199	9,743	22,355	22,925	4,541	14,083	22,665	8,582									
	1904	175	7,955	—	15,921	3,673	10,327	16,571	6,244									
Hazleton.....	1919	74	3,815	6,120	14,890	3,001	8,855	14,830	5,075									
	1914	76	2,744	3,334	5,808	1,217	3,271	5,594	2,323									
	1909	77	2,682	3,112	5,209	940	2,702	4,707	2,005									
	1904	62	1,400	—	2,575	434	1,130	2,180	1,056									
Homestead.....	1919	45	513	1,521	2,941	683	2,004	3,759	1,755									
	1914	30	260	1,276	1,480	178	450	1,019	560									
	1909	26	171	890	1,273	111	322	650	337									
	1904	27	307	—	733	171	205	713	448									
Jeannette.....	1919	82	1,990	2,803	7,928	2,424	2,004	8,546	5,042									
Johnstown.....	1919	149	12,855	159,990	63,100	23,197	53,425	90,469	37,044									
	1914	136	12,177	116,466	36,707	8,085	34,441	50,974	16,333									
	1909	96	10,233	116,718	45,978	6,094	31,424	46,774	16,330									
	1904	82	6,914	—	59,589	3,865	19,755	28,892	9,137									

TABLE 198.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 203.]

CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of materials.	Value of products.	Value added by manufacture.
Expressed in thousands of dollars.									
<b>PENNSYLVANIA—Continued.</b>									
Lancaster.....	1919	285	9,444	21,154	38,142	8,547	26,721	48,026	21,305
	1914	304	8,802	14,555	21,232	4,067	11,139	20,011	8,872
	1909	305	7,955	10,027	17,430	3,236	8,303	15,934	7,131
	1904	300	8,693	—	12,395	3,089	7,598	14,648	7,050
Lebanon.....	1919	103	5,651	34,873	21,272	5,259	11,748	23,242	11,494
	1914	97	5,270	22,201	15,149	2,370	5,109	9,871	4,762
	1909	109	5,501	21,717	12,276	2,441	6,778	11,429	4,651
	1904	103	4,387	—	7,831	1,791	3,279	6,978	3,699
McKeesport.....	1919	82	11,909	78,248	86,407	20,230	58,844	105,059	46,215
	1914	73	6,857	55,509	42,482	5,248	20,917	33,743	12,826
	1909	68	8,246	40,935	43,433	6,031	27,296	42,495	15,199
	1904	75	8,848	—	16,286	5,521	12,310	23,054	10,744
McKees Rocks....	1919	34	3,114	23,197	17,308	4,053	6,109	13,202	7,093
	1914	39	3,548	11,534	10,886	2,419	3,955	7,894	3,939
	1909	30	3,554	8,522	9,210	2,280	5,358	9,582	4,224
Mahanoy City....	1919	24	450	498	1,028	264	502	1,087	585
	1914	33	661	833	1,106	255	413	1,057	644
	1909	33	500	753	904	166	383	868	485
	1904	29	238	—	407	93	133	431	298
Meadville.....	1919	43	1,841	3,356	7,287	2,010	3,788	7,949	4,161
	1914	57	1,676	2,895	4,305	879	1,866	5,058	3,192
	1909	59	2,036	2,457	2,651	960	1,674	3,498	1,824
	1904	52	1,300	—	1,761	602	964	2,075	1,111
Mount Carmel....	1919	35	1,221	627	1,925	693	1,796	3,382	1,586
	1914	30	978	407	800	287	709	1,280	571
	1909	20	600	322	435	144	416	785	369
	1904	19	197	—	317	79	427	620	193
Nanticoke.....	1919	36	1,029	885	2,616	507	828	2,015	1,187
	1914	35	747	706	1,318	183	417	995	578
	1909	16	344	437	416	118	176	415	230
	1904	12	229	—	314	65	160	358	198
New Castle.....	1919	87	8,014	73,501	40,949	14,488	64,866	91,370	26,504
	1914	95	6,381	71,118	26,872	5,058	20,547	38,385	8,838
	1909	82	5,521	64,897	27,058	4,024	31,134	38,341	7,207
	1904	71	5,133	—	18,490	3,430	21,212	28,923	7,711
New Kensington, Norristown.....	1919	48	3,704	4,096	16,137	4,582	14,753	22,551	7,798
	1919	100	3,534	8,611	18,759	3,454	9,507	18,334	8,827
	1914	105	3,950	6,669	9,173	1,810	4,424	8,421	3,997
	1909	111	3,818	5,713	6,984	1,553	3,274	7,325	4,051
	1904	84	3,517	—	5,307	1,315	2,867	5,925	3,058
Oil City.....	1919	37	3,306	6,178	16,416	4,765	5,497	14,069	8,572
	1914	36	2,276	4,447	6,514	1,559	2,041	4,872	2,831
	1909	33	1,283	2,467	3,344	872	1,380	2,955	1,575
	1904	36	1,557	—	4,387	928	1,334	3,082	1,748
Old Forge.....	1919	8	202	198	170	111	75	236	161
Philadelphia.....	1919	9,064	281,105	528,480	1,532,107	326,792	1,156,340	1,996,481	840,141
	1914	8,454	251,286	465,678	772,636	138,249	451,197	784,500	333,303
	1909	8,375	251,294	365,708	685,782	126,049	427,560	748,720	315,370
	1904	7,087	228,899	—	520,179	107,640	333,332	591,388	255,036
Phoenixville.....	1919	32	2,410	20,544	9,301	2,820	7,672	12,435	4,763
	1914	34	2,927	19,081	8,098	1,543	3,789	6,239	2,450
	1909	31	2,509	15,152	8,765	1,180	3,717	5,876	2,159
Pittsburgh.....	1919	1,875	83,200	358,956	505,583	109,859	366,865	614,727	247,562
	1914	1,741	69,020	308,823	309,217	45,063	149,915	246,994	96,779
	1909	1,658	67,420	307,216	288,059	39,939	148,507	243,392	94,885
	1904	1,502	71,618	—	260,765	39,805	124,581	211,259	86,678
Pittston.....	1919	40	974	2,180	3,709	735	1,742	3,830	2,094
	1914	39	729	2,102	2,324	354	787	1,900	1,113
	1909	40	732	2,133	2,337	319	1,067	1,969	902
	1904	40	830	—	1,614	307	728	1,475	747
Plymouth.....	1919	21	588	1,043	1,213	290	653	1,285	632
	1914	17	478	963	832	173	411	831	390
	1909	23	908	1,412	2,644	281	704	1,170	475
	1904	23	827	—	669	210	447	860	413
Pottstown.....	1919	86	4,099	30,124	15,285	4,264	15,517	23,583	8,066
	1914	77	2,622	18,578	6,157	1,156	6,199	8,866	2,667
	1909	77	3,610	17,420	9,058	1,722	8,998	12,502	3,504
	1904	77	3,457	—	6,420	1,516	5,438	8,145	2,707
Pottsville.....	1919	91	2,977	23,607	21,099	2,858	10,067	16,115	6,048
	1914	115	3,506	25,978	15,495	1,474	7,111	10,196	3,085
	1909	90	2,808	15,232	13,942	1,276	5,824	8,979	3,155
	1904	79	1,904	—	3,304	759	4,025	5,806	1,781
Punxsutawney.....	1919	36	4,057	3,057	1,973	613	2,093	3,268	1,175
	1914	34	710	4,389	3,739	510	1,426	2,228	799

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average number).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.									
Expressed in thousands of dollars.																		
<b>PENNSYLVANIA—Continued.</b>																		
Reading.....	1919	527	29,122	57,550	86,342	29,624	\$2,694	141,561	58,807									
	1914	486	24,131	46,702	45,334	11,885	31,386	53,232	21,846									
	1909	482	24,145	43,193	41,053	11,011	29,818	51,135	21,287									
	1904	402	18,053		27,123	7,265	16,709	30,491	13,782									
Scranton.....	1919	311	14,407	29,664	42,185	11,978	28,946	51,630	23,084									
	1914	308	12,559	24,994	25,152	6,040	15,709	28,722	12,023									
	1909	293	12,851	20,504	22,494	5,146	14,282	26,365	12,083									
	1904	258	10,012		19,101	4,428	11,253	20,453	9,200									
Shamokin.....	1919	67	3,251	4,074	6,880	2,122	8,222	11,600	3,378									
	1914	51	2,634	2,706	4,532	1,030	3,536	5,542	1,986									
	1909	30	1,023	1,862	3,227	399	2,129	3,514	1,415									
	1904	48	897		1,115	260	1,026	1,444	418									
Sharon.....	1919	40	2,707	24,549	18,132	4,338	10,673	18,030	7,357									
	1914	48	2,208	18,762	12,453	1,640	3,551	6,373	2,822									
	1909	44	2,545	22,192	11,424	1,500	3,791	5,962	2,171									
Shenandoah.....	1919	39	759	1,049	2,100	515	2,341	4,028	1,087									
	1914	46	475	1,497	1,037	209	1,012	1,573	661									
	1909	29	242	1,382	1,051	134	330	888	552									
	1904	30	170		740	100	181	505	414									
South Bethlehem <sup>1</sup> .....	1914	43	10,892	117,017	68,793	7,389	22,621	40,170	17,558									
	1909	49	7,985	31,562	41,121	4,973	15,067	20,417	10,450									
	1904	46	5,754		18,050	2,733	7,231	15,275	8,014									
Sunbury.....	1919	45	2,128	2,168	11,049	2,387	5,823	10,131	4,308									
	1914	44	1,718	3,091	5,697	912	2,782	5,116	2,334									
	1909	39	2,069	2,825	4,768	1,118	2,228	4,450	2,222									
Tamaqua.....	1919	31	806	1,115	1,513	706	1,771	2,957	1,186									
	1914	46	974	995	990	448	1,034	1,687	663									
Uniontown.....	1919	48	573	2,103	3,164	718	1,730	3,320	1,590									
	1914	43	776	2,195	4,666	488	772	2,287	1,465									
	1909	41	335	1,020	1,080	225	379	1,347	968									
Warren.....	1919	89	2,154	7,039	13,181	2,415	11,705	18,002	6,297									
	1914	72	1,876	4,347	7,793	1,244	5,701	8,611	2,850									
	1909	72	1,459	3,060	5,799	836	3,676	5,744	2,068									
Washington.....	1919	92	2,880	7,886	9,072	3,389	6,133	13,838	7,685									
	1914	64	2,002	4,016	4,100	1,217	2,814	5,094	2,250									
	1909	73	1,896	2,891	3,519	1,000	2,002	4,311	2,249									
West Chester.....	1919	52	1,005	2,036	5,227	1,078	1,688	3,905	2,307									
	1914	55	894	1,078	4,149	637	773	2,085	1,312									
	1909	35	916	934	2,489	478	637	2,146	1,479									
Wilkes-Barre.....	1919	179	9,408	14,846	29,904	8,318	20,083	41,986	21,903									
	1914	188	8,107	11,867	19,014	3,836	8,014	16,734	8,720									
	1909	176	7,563	12,109	16,011	3,323	6,433	13,526	7,093									
	1904	129	5,020		11,716	2,406	5,245	11,000	5,735									
Wilkinsburg.....	1919	49	323	1,701	1,309	374	803	1,703	840									
	1914	29	194	1,094	560	144	202	572	310									
	1909	24	185	1,016	535	120	202	538	276									
	1904	30	184		437	127	235	472	237									
Williamsport.....	1919	145	8,568	21,644	38,666	8,521	23,255	41,650	18,404									
	1914	176	6,015	12,041	17,675	3,190	8,625	16,864	7,239									
	1909	154	5,594	11,628	13,953	2,478	6,992	13,202	6,210									
	1904	115	5,206		12,004	2,036	6,016	11,367	5,351									
York.....	1919	273	13,308	30,032	49,812	12,655	29,374	59,589	30,215									
	1914	247	10,851	18,905	29,362	8,031	11,161	22,043	10,882									
	1909	214	9,836	14,799	21,407	4,200	8,364	17,650	9,346									
	1904	228	7,952		14,292	3,039	6,480	13,333	6,833									
All other cities <sup>2</sup> .....	1919	228	39,113	489,730	317,225	72,700	284,405	414,330	120,871									
	1914	127	22,848	260,548	123,332	17,176	77,078	105,703	28,715									
	1909	100	19,064	170,773	109,489	13,478	80,852	107,207	26,355									
	1904	18	4,656		18,643	3,041	10,730	15,746	4,096									
<b>RHODE ISLAND:</b>																		
11 cities.....	1919	2,113	116,417	243,198	406,678	115,180	343,433	617,823	274,390									
10 cities.....	1914	1,891	89,332	103,901	248,686	47,518	129,068	225,854	96,185									
9 cities.....	1909	1,656	91,142	103,335	233,477	45,082	124,982	226,192	101,210									
8 cities.....	1904	1,320	71,943		158,340	32,709	87,248	137,762	70,514									
Bristol.....	1919	28	5,097	6,032	24,932	4,451	8,793	17,841	9,048									
Central Falls.....	1919	67	3,922	8,770	16,833	4,082	11,039	22,628	10,620									
	1914	45	3,077	6,037	7,035	1,486	3,794	6,748	2,064									
	1909	43	2,475	4,092	4,978	1,021	3,381	5,471	2,090									
	1904	33	2,443		4,980	965	3,330	5,001	1,761									

<sup>1</sup> Bethlehem and South Bethlehem were combined in 1918.<sup>2</sup> All other cities embrace: Berwick, Coatesville, Donora, Duquesne, Farrell, Monessen, North Braddock, Olyphant, Steelton, Swissvale, and Woodlawn in 1919; Coatesville, Dickson City, Duquesne, Farrell, Monessen, North Braddock, Old Forge, and Steelton, in 1914; Coatesville, Duquesne, Monessen, North Braddock, Old Forge, South Sharon, and Steelton in 1909; and Steelton in 1904.

TABLE 198.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average num-ber.)	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
RHODE ISLAND—Con.									
Cranston.....	1919	55	2,657	6,651	10,952	2,816	5,754	13,694	7,940
	1914	39	2,218	5,473	6,724	1,361	3,770	6,706	2,936
	1909	28	1,711	3,707	5,030	1,003	2,887	5,625	2,738
	1904	13	587	1,902	3,332	596	1,639	1,043	
Cumberland.....	1919	26	2,918	10,146	12,604	3,000	7,338	15,999	8,661
	1914	23	2,958	10,156	11,253	1,558	3,483	5,966	2,483
	1909	29	5,359	15,112	16,351	2,231	4,618	9,827	5,209
East Providence.....	1919	37	2,288	9,613	9,741	2,526	12,093	17,591	5,498
	1914	38	1,900	9,424	7,089	1,003	4,908	7,000	2,092
	1909	26	1,941	7,123	6,479	932	5,060	1,140	2,088
	1904	21	1,881	3,643	574	4,254	5,544	1,290	
Newport.....	1919	87	1,032	1,892	2,893	1,067	1,689	4,167	2,478
	1914	89	803	1,339	1,871	632	800	2,299	1,439
	1909	54	720	869	968	480	570	1,379	809
	1904	46	849	1,286	489	556	1,347	791	
Pawtucket.....	1919	284	24,446	56,681	104,856	23,888	77,473	135,518	58,045
	1914	235	16,713	36,148	50,354	8,564	24,904	42,029	17,125
	1909	217	15,275	29,510	40,094	7,255	21,540	37,690	16,156
	1904	186	12,054	27,178	5,100	14,112	25,847	11,735	
Providence.....	1919	1,274	53,372	84,116	211,894	53,178	140,327	267,629	127,302
	1914	1,207	44,176	65,041	119,073	24,482	63,970	115,335	51,365
	1909	1,080	46,381	56,410	118,512	21,449	64,770	120,241	55,471
	1904	881	39,804	95,666	19,555	49,973	91,981	42,008	
Warwick.....	1919	26	1,379	5,845	6,204	1,434	3,782	7,045	3,263
	1914	19	932	2,887	2,280	511	774	1,578	804
	1909	49	6,471	22,041	13,368	2,803	5,394	10,589	5,195
	1904	37	6,153	8,253	2,144	3,848	7,052	3,204	
West Warwick.....	1919	39	4,919	17,725	18,506	4,505	13,273	22,164	8,886
	1914	39	5,507	21,689	13,118	2,618	6,159	10,078	3,919
Woonsocket.....	1919	190	14,387	34,827	71,238	14,193	60,907	63,547	32,640
	1914	157	10,952	35,707	28,080	5,303	17,056	28,115	11,059
	1909	130	10,703	23,571	27,700	4,908	16,762	28,218	11,456
	1904	103	8,672	15,462	3,550	10,579	19,261	8,682	
SOUTH CAROLINA:									
6 cities.....	1919	464	15,086	49,840	69,000	13,360	49,065	81,131	32,066
5 cities.....	1914	303	9,329	29,614	23,576	3,811	13,530	21,874	8,344
4 cities.....	1909	247	8,170	19,726	19,972	2,747	10,838	17,664	6,826
4 cities.....	1904	220	8,697	15,480	2,457	9,035	14,488	5,453	
Anderson.....	1919	37	1,811	8,843	7,589	1,316	5,059	9,036	3,377
	1914	28	1,140	5,191	2,575	392	1,258	1,904	646
Charleston.....	1919	140	4,228	10,189	15,319	3,584	10,381	18,883	8,502
	1914	120	2,737	5,165	5,776	1,227	3,334	5,852	2,518
	1909	116	2,874	4,824	5,573	1,018	4,299	6,951	2,722
	1904	108	3,450	2,874	5,807	1,054	3,748	6,007	2,259
Columbia.....	1919	112	4,684	16,626	24,023	4,532	16,841	27,409	10,568
	1914	71	2,228	9,330	7,348	1,091	4,225	6,765	2,540
	1909	54	2,350	7,363	9,998	870	3,268	5,295	1,999
	1904	41	2,393	4,745	4,745	798	2,642	4,677	2,035
Florence.....	1919	40	937	1,585	2,925	1,212	1,925	3,605	1,680
Greenville.....	1919	74	1,588	5,406	5,589	1,266	6,074	10,207	3,533
	1914	49	1,428	4,087	3,497	553	2,435	3,880	1,445
	1909	41	1,182	2,574	1,930	365	1,228	2,142	914
	1904	36	1,204	2,059	2,059	257	1,101	1,677	576
Spartanburg.....	1919	61	1,840	7,191	9,555	1,450	7,555	11,991	4,406
	1914	35	1,790	5,841	4,380	648	2,278	3,473	1,195
	1909	36	1,773	4,965	4,471	499	2,085	3,276	1,191
	1904	35	1,650	2,869	348	1,544	2,127	583	
SOUTH DAKOTA:									
2 cities.....	1919	212	2,451	6,088	11,561	2,935	23,002	31,288	8,226
2 cities.....	1914	123	1,485	3,389	6,216	986	8,662	11,557	2,895
2 cities.....	1909	120	972	1,942	3,787	563	2,640	4,464	1,824
1 cities.....	1904	61	405	1,748	248	1,066	1,898	1,575	832
Aberdeen.....	1919	57	700	1,338	2,523	959	3,012	6,055	2,443
	1914	35	379	880	1,473	252	1,101	1,849	688
	1909	37	295	540	1,132	178	1,011	1,575	564

## CENSUS OF MANUFACTURES: 1919.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value
year.	estab-	(average	(averag-	horse-			terials.	by	man-
	lish-	num-	num-	power.				facture.	facture.
SOUTH DAKOTA—									
Continued.									
Sioux Falls.....	1919	155	1,751	4,750	9,038	1,976	19,450	25,233	5,783
	1914	88	1,106	2,500	4,743	734	7,501	9,708	2,207
	1909	83	677	1,402	2,605	385	1,629	2,889	1,260
	1904	61	465		1,748	248	1,060	1,808	832
TENNESSEE:									
6 cities.....	1919	1,331	47,408	122,423	104,605	42,615	197,424	315,659	118,235
6 cities.....	1914	1,202	28,684	81,087	103,722	15,248	61,267	106,141	44,874
5 cities.....	1909	1,096	27,825	65,972	77,920	13,000	49,954	86,406	36,452
5 cities.....	1904	903	20,093		44,568	10,877	36,579	64,888	28,309
Chattanooga.....	1919	281	10,588	25,561	30,537	10,147	32,515	58,022	25,507
	1914	270	7,182	21,227	20,716	3,830	10,753	20,369	9,016
	1909	185	6,410	17,509	16,125	2,810	8,434	16,036	7,002
	1904	177	6,420		10,394	2,564	7,471	14,201	6,787
Jackson.....	1919	50	1,806	5,648	5,581	1,963	4,587	8,310	3,729
	1914	46	1,509	3,858	3,066	850	1,840	3,417	1,577
	1909	42	1,405	2,789	2,236	673	1,215	2,710	1,495
	1904	42	1,268		1,519	498	1,183	2,318	1,135
Johnson City.....	1919	36	1,061	6,177	4,472	755	6,017	8,801	2,784
	1914	30	611	3,211	1,736	271	1,952	2,600	648
Knoxville.....	1919	194	11,384	25,612	35,576	9,906	30,734	51,604	20,900
	1914	142	2,420	6,168	4,773	1,063	4,360	7,346	2,980
	1909	156	2,362	4,816	3,744	1,048	4,101	6,699	2,598
	1904	138	2,999		4,717	887	4,098	7,769	2,771
Memphis.....	1919	379	11,903	30,134	67,107	10,482	78,125	117,718	39,593
	1914	354	8,389	24,093	44,422	4,901	23,005	39,133	16,128
	1909	329	7,927	21,320	26,998	4,288	17,851	30,241	12,380
	1904	289	7,374		13,290	3,543	11,339	20,043	8,704
Nashville.....	1919	391	10,696	23,201	44,422	9,362	45,446	71,108	25,062
	1914	354	8,573	21,030	28,986	4,321	19,361	33,276	13,015
	1909	384	9,721	19,538	27,880	4,330	17,456	39,050	12,194
	1904	257	8,032		15,601	3,224	12,482	21,507	9,085
TEXAS: <sup>1</sup>									
29 cities.....	1919	2,667	49,823	154,559	248,134	52,758	270,624	407,670	137,046
24 cities.....	1914	2,071	31,789	105,335	116,157	20,437	80,126	139,029	53,803
20 cities.....	1909	1,614	26,303	74,440	79,347	15,603	66,714	109,559	42,845
11 cities.....	1904	1,040	17,435		39,114	9,614	31,970	56,516	24,546
Abilene.....	1919	22	130	409	582	106	452	766	314
	1914	18	107	502	507	80	165	311	146
Amarillo.....	1919	42	496	1,612	1,049	673	808	1,807	1,089
	1914	36	311	1,791	1,094	255	509	986	477
Austin.....	1919	91	745	3,302	4,306	690	2,866	4,906	2,130
	1914	114	891	4,824	2,957	611	1,714	3,371	1,067
	1909	108	754	2,211	2,340	415	1,927	2,843	1,218
	1904	62	641		1,287	349	771	1,569	798
Beaumont.....	1919	69	1,585	7,265	7,891	1,975	10,323	14,923	4,569
	1914	67	1,073	5,580	4,940	674	3,442	5,191	1,749
	1909	56	803	4,596	4,007	645	3,444	4,831	1,387
Brownsville.....	1919	18	119	770	340	91	339	505	166
	1914	14	76	486	287	25	74	167	93
	1909	9	51	414	51	10	46	121	75
Cleburne.....	1919	33	1,127	1,757	1,601	1,496	1,387	3,335	1,948
	1914	26	886	1,541	1,403	654	1,359	2,246	887
	1909	24	825	1,499	773	533	839	1,577	718
Corpus Christi.....	1919	20	94	675	1,021	92	367	647	280
Corsicana.....	1919	40	599	2,871	5,907	635	4,988	8,001	3,013
Dallas.....	1919	457	7,013	23,197	42,270	7,063	15,563	93,080	28,137
	1914	412	5,284	15,517	23,489	3,464	19,570	31,003	11,495
	1909	305	4,882	13,808	17,688	2,604	16,966	26,059	9,003
	1904	247	3,345		10,891	1,759	9,207	15,628	6,421
Del Rio.....	1919	6	93	183	207	119	118	271	133
Denison.....	1919	42	1,084	3,806	1,901	1,580	3,027	5,078	2,051
	1914	30	954	3,652	1,062	609	1,175	2,009	894
	1909	29	833	2,306	1,108	510	593	1,314	731
	1904	25	725		1,052	455	591	1,235	644

<sup>1</sup> Does not include statistics for Port Arthur.

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value
year.	estab-	lis-	average	horse-			ma-	products.	added
Expressed in thousands of dollars.									
TEXAS—Continued.									
El Paso.....	1919	208	3,912	10,848	14,775	3,886	8,862	16,650	7,788
	1914	117	2,347	6,778	8,666	1,663	2,873	6,135	3,262
	1909	88	1,752	3,396	4,252	1,063	1,496	3,637	2,141
	1904	54	1,158	-----	1,673	710	1,131	2,378	1,247
Fort Worth.....	1919	220	4,452	14,234	21,082	5,082	23,657	38,160	12,503
	1914	180	2,308	7,815	8,595	1,542	5,832	9,974	4,142
	1909	147	2,059	6,614	7,443	1,285	5,266	8,661	3,395
	1904	102	1,423	-----	3,170	843	3,189	5,668	2,479
Galveston.....	1919	118	1,416	7,643	10,668	1,692	10,581	14,979	4,398
	1914	116	1,410	7,561	7,210	955	4,267	6,308	2,041
	1909	81	1,094	3,633	4,572	707	1,599	2,997	1,398
	1904	67	761	-----	2,986	470	4,152	8,692	2,976
Greenville.....	1919	29	163	1,871	3,180	207	3,232	4,152	920
Houston.....	1919	383	9,860	31,416	49,646	10,402	57,792	86,874	29,082
	1914	276	5,607	18,004	25,443	3,590	16,124	25,868	9,744
	1909	249	5,338	14,866	16,594	3,260	14,321	23,015	8,694
	1904	209	5,656	-----	8,877	2,892	7,617	13,564	5,947
Laredo.....	1919	30	303	584	684	238	207	705	438
	1914	28	270	630	333	105	144	345	201
	1909	23	213	353	213	87	74	221	147
	1904	18	515	-----	221	181	196	454	258
Marshall.....	1919	24	1,670	1,533	9,147	2,119	4,269	6,904	2,635
	1914	28	1,196	1,963	2,040	691	1,066	2,099	1,033
	1909	22	977	1,326	1,690	653	803	1,787	984
Palestine.....	1919	17	1,084	1,960	2,061	1,353	1,163	2,810	1,647
	1914	20	648	1,302	906	504	584	1,222	638
	1909	20	745	1,209	1,524	481	622	1,313	691
Paris.....	1919	52	939	3,788	3,808	711	3,874	6,079	2,205
	1914	42	513	2,220	1,687	272	1,538	2,284	746
	1909	45	541	2,489	1,331	247	862	1,430	568
Ranger.....	1919	17	170	629	804	221	636	1,357	721
San Angelo.....	1919	30	144	743	401	137	193	454	261
	1914	30	161	937	380	104	207	499	232
	1909	26	115	608	306	71	133	318	185
San Antonio.....	1919	318	6,614	13,040	22,580	5,794	22,249	35,456	13,207
	1914	239	4,083	8,859	11,449	2,412	10,090	17,849	7,759
	1909	194	3,105	6,908	8,629	1,760	6,852	13,435	6,483
	1904	141	2,457	-----	5,259	1,362	3,741	7,402	3,661
Sherman.....	1919	53	871	4,314	9,392	699	10,072	19,176	3,104
	1914	36	389	2,306	2,968	221	5,864	7,028	1,164
	1909	36	273	2,150	1,638	136	4,047	4,676	629
	1904	39	307	-----	1,586	153	2,149	2,641	492
Temple.....	1919	45	412	1,841	2,044	467	1,799	2,839	1,040
	1914	37	342	1,566	1,702	237	958	1,452	494
	1909	37	366	1,616	910	215	834	1,346	512
Texarkana.....	1919	38	802	3,519	3,085	788	2,590	4,474	1,884
	1914	29	955	2,669	1,952	514	1,115	1,904	870
	1919	33	732	2,280	1,853	898	1,251	2,610	1,365
	1914	20	506	1,332	680	313	449	807	448
	1909	23	484	769	661	288	537	906	459
Waco.....	1919	134	1,302	4,981	6,657	1,272	8,294	13,085	4,791
	1914	125	1,125	5,452	3,964	699	3,583	5,612	2,029
	1909	92	1,033	3,669	3,561	588	2,905	4,769	1,804
	1904	76	947	-----	2,142	440	1,779	2,980	1,201
Wichita Falls.....	1919	69	932	3,519	15,945	1,343	11,665	16,832	5,167
	1914	31	377	2,085	2,357	254	1,915	2,573	658
UTAH:									
3 cities.....	1919	580	9,998	22,501	36,775	10,946	30,802	53,046	22,184
3 cities.....	1914	509	7,155	16,741	25,589	5,236	12,612	23,521	10,909
2 cities.....	1909	313	6,610	9,199	10,222	3,888	8,680	17,064	8,384
2 cities.....	1904	255	3,739	-----	6,558	2,415	4,913	10,051	5,138
Ogden.....	1919	128	3,111	5,564	9,291	3,352	12,738	18,150	5,412
	1914	110	1,894	3,184	5,382	1,202	3,568	6,014	2,446
	1909	68	1,323	2,506	2,324	873	2,065	3,713	1,048
	1904	63	1,013	-----	1,521	711	1,398	2,507	1,109
Provo.....	1919	37	525	1,141	1,467	441	705	1,539	834
	1914	33	330	802	960	173	511	844	333
Salt Lake City...	1919	415	6,363	15,796	26,017	7,153	17,410	33,357	15,938
	1914	366	4,931	12,755	19,247	3,801	8,533	16,663	8,130
	1909	245	4,287	6,693	13,898	3,010	6,615	13,351	6,736
	1904	192	2,776	-----	5,337	1,704	3,515	7,544	4,029

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of es-tab-lish-ments.	Wage earners (average num-ber.)	Primary horse-power.	Capital.	Wages.	Cost of in-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
VERMONT:									
3 cities.....	1910	287	6,766	21,524	25,051	7,071	17,993	34,658	10,065
3 cities.....	1914	262	6,269	15,838	12,801	3,989	7,053	14,206	7,151
3 cities.....	1909	284	6,347	14,866	11,007	3,568	6,445	13,332	6,887
2 cities.....	1904	118	4,103	.....	7,304	1,693	4,966	8,879	3,913
Barre.....	1910	132	1,898	8,010	4,666	2,651	3,202	8,500	5,298
	1914	110	2,366	5,975	2,598	1,904	1,336	4,292	2,956
	1909	139	2,310	4,645	2,481	1,814	1,108	3,852	2,744
Burlington.....	1910	91	2,913	9,409	13,319	2,391	12,113	19,480	7,374
	1914	87	2,132	6,704	6,225	1,030	4,109	6,037	2,528
	1909	82	2,371	8,359	6,476	991	4,130	6,800	2,670
	1904	67	2,300	.....	5,124	840	3,801	6,356	2,552
Rutland.....	1910	64	1,955	4,096	7,066	2,026	2,670	6,600	3,993
	1914	65	1,771	3,159	3,978	1,055	1,610	3,277	1,667
	1909	63	1,636	1,802	2,050	703	1,207	2,680	1,473
	1904	51	1,803	.....	2,180	857	1,162	2,523	1,361
VIRGINIA: <sup>1</sup>									
10 cities.....	1910	1,255	56,994	129,172	228,139	57,077	187,077	336,024	148,947
9 cities.....	1914	1,087	40,720	84,956	99,993	19,367	71,237	127,709	66,452
9 cities.....	1909	992	36,782	70,722	74,364	14,316	53,644	96,001	42,960
8 cities.....	1904	715	29,150	.....	54,804	10,073	31,118	57,792	26,674
Alexandria.....	1910	35	4,012	3,940	19,238	5,446	7,782	16,908	9,126
	1914	49	1,504	3,375	4,574	858	1,900	3,600	1,700
	1909	54	1,470	3,250	4,687	607	2,731	4,420	1,689
	1904	51	1,291	.....	2,328	655	902	2,187	1,195
Charlottesville.....	1910	37	450	1,037	1,311	551	1,029	1,924	895
Danville.....	1910	44	5,827	29,752	29,261	5,611	16,200	30,183	13,893
	1914	43	2,691	7,269	6,783	1,042	3,212	5,358	2,316
	1909	52	3,070	4,634	6,059	963	3,230	5,389	2,153
	1904	34	3,018	.....	5,119	811	2,700	4,775	2,009
Lynchburg.....	1910	65	4,486	8,549	17,598	4,407	16,083	27,450	11,367
	1914	73	3,474	6,505	8,426	1,545	6,511	9,919	3,108
	1909	82	4,026	7,952	9,217	1,544	6,408	10,188	3,720
	1904	55	2,534	.....	4,258	780	2,883	4,965	2,082
Norfolk.....	1910	207	5,119	15,083	22,516	5,982	15,622	29,388	13,966
	1914	209	5,263	12,150	13,089	2,268	7,320	13,710	6,390
	1909	215	4,749	20,408	10,744	2,041	6,482	10,341	4,859
	1904	121	2,935	.....	4,374	1,091	3,203	5,739	2,537
Petersburg.....	1910	110	4,891	7,106	14,202	3,791	18,207	26,410	8,143
	1914	87	3,903	6,549	6,407	1,392	8,393	12,810	4,217
	1909	72	3,887	5,239	5,221	1,107	5,759	8,806	3,137
	1904	72	3,288	.....	4,562	860	3,794	5,801	2,007
Portsmouth.....	1910	48	2,297	7,573	8,137	2,300	5,078	9,370	3,300
	1914	42	767	2,064	1,478	347	1,017	1,731	714
	1909	31	842	1,777	1,233	307	770	1,528	732
	1904	28	551	.....	504	185	480	916	459
Richmond.....	1910	550	21,759	40,828	93,007	19,843	89,444	156,724	67,280
	1914	460	17,232	33,940	48,607	8,440	30,539	62,491	31,933
	1909	380	14,849	20,087	31,000	5,821	24,232	47,368	23,106
	1904	300	12,444	.....	30,942	4,150	13,703	27,745	13,982
Roanoke.....	1910	99	7,740	14,275	21,188	8,807	15,350	31,804	10,314
	1914	73	5,496	11,708	9,066	3,326	11,198	16,582	5,384
	1909	62	3,544	6,774	4,828	1,718	4,044	7,201	3,217
	1904	54	3,089	.....	2,057	1,526	3,232	5,545	2,313
Staunton.....	1910	54	473	1,029	1,621	270	1,604	2,567	663
	1914	45	946	850	813	140	1,087	1,448	361
	1909	44	339	601	713	118	806	1,223	327
WASHINGTON:									
10 cities.....	1910	2,474	73,825	240,670	350,255	109,503	301,815	816,418	214,603
10 cities.....	1914	2,024	30,573	132,045	136,551	23,732	80,281	136,601	56,410
8 cities.....	1909	1,629	28,508	98,309	104,831	20,642	64,312	113,146	45,933
5 cities.....	1904	907	14,831	.....	45,504	9,932	29,795	53,281	25,436
Aberdeen.....	1910	78	2,715	14,504	8,506	4,474	7,601	15,758	8,097
	1914	60	1,568	13,280	4,830	1,219	2,612	4,815	2,923
	1909	43	1,509	9,582	4,500	905	2,172	3,500	1,418

<sup>1</sup> Does not include statistics for Newport News.

TABLE 198.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-fac-ture.
Expressed in thousands of dollars.									
WASHINGTON—Con.									
Bellingham.....	1910	110	3,088	13,717	13,581	4,344	9,970	17,808	7,838
	1914	86	1,922	10,170	6,940	3,318	3,366	6,264	2,898
	1909	96	1,566	5,176	3,288	1,027	2,422	4,600	2,178
	1904	73	1,314	—	2,981	858	1,651	3,294	1,643
Everett.....	1910	127	3,273	21,702	16,480	4,817	11,907	21,887	9,980
	1914	98	1,959	13,653	6,298	1,610	4,000	6,530	2,630
	1909	93	2,200	10,021	5,785	1,585	3,485	6,593	3,108
Hoquiam.....	1910	38	2,104	14,732	7,026	3,409	6,307	11,872	5,565
	1914	33	1,657	12,377	4,089	1,287	3,042	5,009	1,967
Seattle.....	1910	1,229	40,843	90,073	157,915	63,395	149,650	274,431	124,781
	1914	1,014	12,429	44,001	61,317	9,935	37,770	64,475	26,705
	1909	753	11,323	38,267	46,867	8,580	28,783	50,814	22,031
	1904	407	6,390	—	22,344	4,318	14,358	25,406	11,048
Spokane.....	1910	304	4,752	13,246	27,041	5,419	25,651	40,149	14,498
	1914	277	3,020	10,362	18,891	2,465	9,454	16,636	7,182
	1909	284	3,901	9,130	16,220	3,036	10,089	18,617	8,528
	1904	188	2,428	—	5,407	1,609	4,700	8,831	4,131
Tacoma.....	1910	348	10,714	59,557	68,088	14,510	73,274	103,172	29,898
	1914	339	6,765	24,086	28,287	4,964	17,301	27,708	10,317
	1909	277	6,820	22,666	23,482	4,714	14,946	24,462	9,516
	1904	236	4,457	—	11,789	2,906	8,157	14,264	6,107
Vancouver.....	1910	39	4,522	8,553	52,577	7,088	11,930	21,252	9,322
	1914	28	360	8,936	5,089	282	557	1,301	744
Walla Walla.....	1910	69	428	1,744	3,020	538	2,856	4,322	1,466
	1914	47	311	1,737	2,426	250	1,216	2,015	799
	1909	48	388	1,500	2,336	323	1,385	2,317	932
	1904	33	242	—	1,063	181	929	1,486	557
Yakima.....	1910	77	1,326	2,851	4,921	1,508	2,609	5,767	3,158
	1914	42	682	2,343	2,384	402	873	1,938	1,065
	1909	35	601	1,967	2,293	373	930	2,152	1,222
WEST VIRGINIA:									
10 cities.....	1910	857	31,149	94,655	116,278	34,653	113,139	194,653	81,514
10 cities.....	1914	705	23,408	72,361	58,489	14,217	37,922	67,321	29,399
6 cities.....	1909	435	15,501	48,729	34,511	8,241	27,270	46,303	19,033
4 cities.....	1904	361	11,687	—	26,108	5,923	18,651	32,083	13,432
Bluefield.....	1910	21	1,442	2,076	2,419	1,874	3,351	5,798	2,447
	1914	24	1,247	1,984	1,130	812	1,078	2,173	1,095
	1909	15	670	1,648	948	377	889	1,465	576
Charleston.....	1910	106	2,259	8,823	10,372	2,491	7,029	13,873	6,844
	1914	89	1,081	4,574	3,227	637	2,172	3,699	1,527
	1909	63	951	4,106	2,825	489	2,137	3,235	1,098
	1904	54	887	—	2,228	403	998	2,101	1,103
Clarksburg.....	1910	86	2,321	9,406	7,704	3,151	4,931	11,882	6,951
	1914	43	316	1,414	948	213	1,010	1,654	644
Fairmont.....	1910	62	1,931	6,032	8,213	2,107	3,829	8,278	4,449
	1914	50	1,837	5,594	5,276	1,149	1,608	4,384	2,776
Huntington.....	1910	115	6,556	17,902	20,338	7,127	21,714	37,707	15,993
	1914	102	4,941	8,951	7,844	2,996	6,777	11,400	4,623
	1909	67	3,156	8,360	4,917	1,681	3,382	6,511	3,129
	1904	44	2,229	—	2,762	1,633	2,676	4,407	1,731
Martinsburg.....	1910	40	2,188	2,606	6,523	1,662	5,537	9,003	3,466
	1914	37	1,568	1,908	2,029	602	1,709	3,022	1,313
	1909	39	1,420	1,598	2,100	520	1,277	2,516	1,239
Morgantown.....	1910	61	1,303	4,339	4,321	1,482	1,805	4,643	2,338
	1914	49	1,470	4,137	2,386	930	754	2,338	1,584
	1909	50	1,649	2,326	2,208	1,626	3,760	6,773	3,007
	1904	27	1,508	1,897	2,530	707	2,095	3,629	1,534
Parkersburg.....	1910	73	2,878	7,299	14,741	3,024	14,808	24,056	9,188
	1914	83	1,820	5,939	5,741	1,061	4,745	7,143	2,398
	1909	75	1,495	4,031	4,424	767	3,560	5,499	1,939
	1904	68	1,444	—	3,310	694	2,488	3,778	1,200
Wheeling.....	1910	243	8,622	33,846	38,439	10,109	46,309	72,640	26,331
	1914	201	7,920	35,963	26,858	5,110	15,974	27,879	11,905
	1909	176	7,809	29,486	19,297	4,427	16,025	27,077	11,052
	1904	195	7,127	—	17,808	3,793	12,489	21,797	9,308

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1919, 1914, 1900, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-sus year.	Num-ber of estab-lishments.	Wage earners (average num-ber).	Primary horse-power.	Capital.	Wages.	Cost of ma-terials.	Value of products.	Value added by manu-facture.
Expressed in thousands of dollars.									
WISCONSIN:									
21 cities.....	1919	4,150	181,711	424,700	924,766	204,147	668,473	1,180,328	511,855
18 cities.....	1914	3,457	121,095	294,334	472,614	70,617	236,465	422,301	185,836
18 cities.....	1900	3,330	113,602	226,202	385,091	58,706	206,473	361,737	158,264
18 cities.....	1904	2,950	89,609	276,048	42,005	131,274	249,002	117,728	
Appleton.....	1919	96	2,691	15,903	14,031	2,724	9,223	17,167	7,944
	1914	107	2,144	15,633	9,055	1,231	4,760	7,558	2,798
	1909	97	2,125	14,295	7,215	1,088	4,237	6,731	2,477
	1904	108	2,486	6,833	1,217	4,026	6,673	2,647	
Ashland.....	1919	44	1,080	5,263	5,639	1,326	2,735	5,004	2,209
	1914	37	797	4,835	3,468	510	1,077	1,827	750
	1909	38	1,116	4,912	2,404	611	1,486	2,748	1,262
	1904	37	1,361	2,780	738	2,192	4,210	2,018	
Beloit.....	1919	59	4,023	8,133	16,939	5,914	9,455	21,103	11,050
	1914	50	3,527	6,861	9,647	2,346	3,013	6,928	3,915
	1909	51	2,986	4,992	7,747	1,840	2,439	5,886	3,447
	1904	44	2,471	3,739	1,439	1,835	4,485	2,650	
Eau Claire.....	1919	96	3,301	17,574	16,295	2,952	8,561	15,792	7,231
	1914	94	2,315	16,356	7,083	1,246	4,208	6,774	2,566
	1909	75	2,524	13,695	7,551	1,198	2,074	5,855	2,881
	1904	73	1,985	3,623	831	1,709	3,602	1,903	
Fond du Lac.....	1919	104	3,239	6,368	14,017	3,154	13,731	22,338	8,007
	1914	100	1,925	7,346	6,353	1,000	4,019	6,761	2,142
	1909	97	2,707	4,393	6,803	1,297	5,074	8,227	3,163
	1904	85	2,566	4,660	1,053	3,311	5,600	2,289	
Green Bay.....	1919	145	4,798	12,475	25,271	4,907	13,813	28,188	14,375
	1914	104	2,724	8,809	6,853	1,465	4,030	6,708	2,738
	1909	102	2,579	5,637	5,495	1,107	3,893	6,235	2,342
	1904	103	2,111	3,749	879	2,606	4,873	2,177	
Janesville.....	1919	85	2,868	4,929	18,059	2,015	10,564	16,023	5,459
	1914	71	1,495	3,508	5,220	865	3,066	6,659	2,693
	1909	78	1,451	3,358	4,517	676	2,877	5,150	2,279
	1904	73	1,348	3,445	600	2,056	3,840	1,790	
Kenosha.....	1919	84	13,045	35,319	67,064	18,659	61,390	103,720	42,327
	1914	75	7,155	20,730	20,530	4,633	10,267	28,341	9,074
	1909	62	6,449	14,484	23,089	3,888	11,773	23,182	8,409
	1904	45	4,354	9,691	2,244	7,302	12,363	4,971	
La Crosse.....	1919	151	4,503	10,788	23,849	3,877	14,230	24,936	10,097
	1914	167	3,340	9,869	15,892	1,870	7,814	14,739	6,925
	1909	151	3,329	6,956	12,459	1,639	7,797	14,103	6,306
	1904	150	2,644	6,834	1,065	4,725	8,139	3,414	
Madison.....	1919	147	3,189	8,474	14,067	3,474	7,662	16,823	9,161
	1914	122	2,084	2,933	8,082	1,846	2,795	6,207	3,412
	1909	116	1,792	2,551	5,460	1,050	2,337	5,467	3,130
	1904	84	1,476	5,182	813	1,293	3,291	1,098	
Manitowoc.....	1919	101	2,078	8,837	18,180	5,241	15,103	27,761	12,058
	1914	77	2,012	6,079	9,723	1,046	5,358	8,401	3,103
	1909	80	1,525	4,371	6,764	767	3,993	6,939	1,976
	1904	76	1,321	5,020	6,338	2,040	4,428	1,488	
Marinette.....	1919	56	2,048	9,019	7,923	2,290	6,674	11,028	4,354
	1914	51	2,112	6,320	4,652	1,085	2,346	4,074	2,329
	1909	43	1,491	6,470	3,284	701	1,703	3,300	1,006
	1904	37	1,645	3,284	862	1,581	3,033	2,052	
Milwaukee.....	1919	2,098	84,222	162,672	421,810	80,921	341,708	676,161	234,393
	1914	1,728	61,889	122,178	240,780	30,270	124,876	223,555	88,670
	1909	1,764	59,502	94,264	219,391	31,437	120,621	208,324	87,703
	1904	1,527	43,366	101,494	20,809	71,103	137,995	66,892	
Oshkosh.....	1919	169	6,190	15,770	27,517	3,214	13,087	27,572	13,885
	1914	157	5,782	13,648	15,513	2,804	8,807	13,860	7,083
	1909	159	5,778	10,890	9,611	2,570	7,081	14,739	7,658
	1904	184	4,840	8,058	2,097	4,432	8,052	4,220	
Racine.....	1919	230	15,812	29,419	108,281	21,729	58,002	120,028	61,429
	1914	189	10,079	21,293	67,635	6,765	20,262	43,632	23,370
	1909	142	8,381	12,905	38,326	4,562	11,512	24,673	13,161
	1904	148	6,504	26,434	3,185	7,143	16,459	9,316	
Sheboygan.....	1919	100	6,407	11,858	26,369	5,861	16,713	31,497	14,784
	1914	132	7,152	13,785	21,481	3,370	9,162	17,509	8,347
	1909	109	5,988	8,717	15,053	2,339	6,089	11,299	5,210
	1904	96	5,903	12,289	2,095	8,533	9,751	4,198	

TABLE 193.—COMPARATIVE SUMMARY FOR CITIES HAVING 10,000 INHABITANTS OR MORE, BY STATES: 1910, 1914, 1909, AND 1904—Continued.

[See note at head of this table, p. 293.]

CITY.	Cen-	Num-	Wage	Primary	Capital.	Wages.	Cost of	Value of	Value
year.	estab-	(average	(average	horse-	ma-	products.	by	manu-	by
Expressed in thousands of dollars.									
WISCONSIN—Con.									
Stevens Point.....	1910	47	1,231	8,040	3,978	1,196	2,185	4,234	2,049
Superior.....	1910	94	6,162	11,755	12,194	9,629	27,314	44,043	10,729
	1914	111	2,121	7,678	7,050	1,382	8,446	11,663	3,217
	1900	90	1,847	6,636	6,028	1,087	4,272	6,574	2,302
	1904	72	1,343	5,708	5,708	746	4,648	6,357	1,709
Waukesha.....	1910	72	2,339	4,353	16,437	2,570	9,821	17,030	7,209
Wausau.....	1910	83	2,320	8,040	9,918	2,201	8,920	13,395	4,475
	1914	85	2,492	7,408	6,987	1,354	4,530	7,325	2,795
	1900	67	2,092	6,786	5,794	990	3,325	6,287	2,982
	1901	58	1,945	3,815	807	2,549	4,645	4,066	2,066
West Allis.....	1910	34	6,070	20,716	55,519	8,813	16,304	36,477	20,173
WYOMING:									
2 cities.....	1910	92	3,287	5,776	49,678	5,950	26,144	48,339	22,195
1 city.....	1914	32	821	1,465	1,802	641	660	1,608	939
1 city.....	1900	22	750	1,253	1,670	618	607	1,577	970
1 city.....	1904	18	552	—	740	412	308	925	617
Casper.....	1910	43	1,886	1,300	44,912	3,674	24,186	43,590	19,404
Cheyenne.....	1910	49	1,401	4,380	4,766	2,276	1,958	4,749	2,791
	1914	32	821	1,465	1,802	641	669	1,608	939
	1900	22	750	1,253	1,670	618	607	1,577	970
	1904	18	552	—	740	412	308	925	617
Bristol, Tenn. and									
Va.....	1910	58	1,729	4,886	7,074	1,515	6,198	10,289	4,091
	1914	57	1,129	3,651	2,941	445	2,087	3,397	1,310
	1900	51	1,129	3,914	3,002	489	1,828	2,849	1,021
ALL OTHER CITIES: <sup>1</sup>									
10 cities.....	1910	272	50,206	744,667	496,846	93,348	450,255	665,738	215,483
7 cities.....	1914	239	33,616	338,408	215,180	24,439	82,660	135,833	53,173
8 cities.....	1900	183	20,266	322,573	148,946	13,543	63,860	90,982	27,122
4 cities.....	1904	173	14,801	—	52,529	7,637	43,915	63,297	19,382

<sup>1</sup> All other cities embrace: Gary and Whiting, Ind., Sanford, Me., Austin and Virginia, Minn., Lackawanna, N. Y., Cleveland Heights and East Youngstown, Ohio, Port Arthur, Tex., and Newport News, Va., in 1910; Cleero, Ill., Gary, Ind., Virginia, Minn., Independence, Mo., West Orange, N. J., Great Lackawanna, N. Y., and Newport News, Va., in 1914; Cleero, Ill., Gary, Ind., Virginia, Minn., Great Falls, Mont., West Orange, N. J., Lackawanna, N. Y., Lakewood, Ohio, and Newport News, Va., in 1908; Great Falls, Mont., Orange and Perth Amboy, N. J., and Newport News, Va., in 1904.

## CENSUS OF MANUFACTURES: 1919.

TABLE 194.—ESTABLISHMENTS GROUPED ACCORDING TO AVERAGE NUMBER OF SHOWING GREATEST VALUE

	CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—							
		Establishments.	Wage earners (average number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.	
				Establishments.	Establishments.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
1	New York, N. Y.	32,590	638,775	4,252	13,316	33,483	8,967	103,572	3,706	121,407	1,333
2	Chicago, Ill.	10,537	403,942	1,570	4,131	10,065	2,362	27,201	1,226	40,001	549
3	Philadelphia, Pa.	9,064	281,105	1,402	3,799	8,692	1,028	22,072	975	32,121	437
4	Detroit, Mich.	2,176	167,018	251	770	1,895	504	5,716	280	9,219	133
5	Cleveland, Ohio.	2,946	167,730	401	1,123	2,746	626	7,179	323	10,560	171
6	St. Louis, Mo.	3,205	107,919	465	1,349	3,047	630	7,354	341	11,388	181
7	Baltimore, Md.	2,797	97,814	422	1,170	2,710	585	6,615	300	9,609	143
8	Buffalo, N. Y.	2,093	75,899	331	934	2,116	426	4,847	160	5,235	96
9	Boston, Mass.	3,077	88,759	322	1,211	3,267	844	9,627	384	12,052	151
10	Pittsburgh, Pa.	1,875	83,290	236	824	2,036	434	4,935	109	5,456	69
11	Newark, N. J.	2,155	80,707	213	838	2,042	502	5,020	297	9,720	156
12	Milwaukee, Wis.	2,093	84,222	304	911	1,982	421	4,882	200	6,560	105
13	Akron, Ohio.	304	65,054	14	130	351	58	601	43	1,430	23
14	Cincinnati, Ohio.	2,239	63,680	280	837	2,120	518	5,907	276	9,075	163
15	Minneapolis, Minn.	1,421	38,154	158	642	1,497	352	3,982	143	4,621	60
16	Kansas City, Kans.	196	22,839	37	83	173	27	276	17	585	10
17	Omaha, Nebr.	561	21,304	84	257	665	111	1,287	51	1,653	35
18	San Francisco, Calif.	2,380	48,550	283	1,091	2,830	589	6,410	257	8,064	86
19	Indianapolis, Ind.	1,004	49,977	126	361	883	238	2,730	118	3,707	59
20	Jersey City, N. J.	896	36,981	65	424	1,060	190	2,060	99	3,138	43
21	Rochester, N. Y.	1,367	63,792	182	581	1,304	265	3,127	156	5,035	66
22	Toledo, Ohio.	671	42,090	80	239	624	150	1,860	84	2,870	40
23	Los Angeles, Calif.	2,540	47,118	350	1,282	2,879	544	6,144	224	7,155	73
24	Flint, Mich.	107	23,003	14	42	124	30	209	6	222	4
25	Seattle, Wash.	1,220	40,843	163	579	1,320	207	3,271	102	3,158	42
26	Providence, R. I.	1,274	53,372	151	513	1,231	300	3,431	141	4,000	75
27	Bayonne, N. J.	152	14,994	6	68	160	29	344	18	615	9
28	Youngstown, Ohio.	239	19,414	38	110	262	33	348	24	793	10
29	Perth Amboy, N. J.	124	9,197	12	60	139	12	137	11	353	13
30	Camden, N. J.	330	40,906	44	120	328	68	725	38	1,288	22
31	Paterson, N. J.	1,044	37,217	70	315	786	288	3,497	203	8,832	88
32	New Bedford, Mass.	267	41,630	11	136	324	55	623	18	578	8
33	Worcester, Mass.	618	38,673	52	203	519	150	1,042	86	2,841	47
34	Bridgeport, Conn.	443	42,802	45	190	466	89	1,013	40	1,347	26
35	Louisville, Ky.	707	29,902	104	271	680	172	2,010	98	3,289	60
36	Winston-Salem, N. C.	98	12,306	9	32	72	19	238	13	478	6
37	Portland, Oreg.	840	26,813	119	377	885	201	2,249	70	2,264	34
38	Kansas City, Mo.	997	22,137	120	422	1,304	251	2,873	100	3,539	46
39	Columbus, Ohio.	690	26,751	80	204	692	103	1,871	89	2,678	41
40	Lawrence, Mass.	194	30,319	12	98	215	28	327	21	661	8
41	New Orleans, La.	873	26,641	81	350	923	238	2,605	101	3,300	47
42	Dayton, Ohio.	571	31,131	51	222	502	118	1,207	83	2,654	40
43	Fall River, Mass.	203	37,016	19	135	323	55	617	17	562	12
44	Lynn, Mass.	442	27,355	26	107	427	111	1,101	61	2,056	34
45	Richmond, Va.	550	21,759	59	250	646	116	1,207	60	1,065	36
46	Syracuse, N. Y.	643	28,153	103	267	622	123	1,402	70	2,254	30
47	St. Paul, Minn.	818	22,040	115	340	780	105	2,225	80	2,603	32
48	Sioux City, Iowa.	251	6,749	20	121	275	70	722	20	507	10
49	Reading, Pa.	527	29,122	78	176	397	104	1,173	72	2,404	40
50	Yonkers, N. Y.	218	11,932	58	90	209	38	444	18	646	4
51	Lowell, Mass.	291	30,111	18	141	344	50	619	30	989	15
52	Pawtucket, R. I.	284	24,446	25	112	267	55	622	26	821	23
53	Oakland, Calif.	593	23,347	110	270	633	122	1,300	44	1,489	16
54	Waterbury, Conn.	253	30,322	30	116	277	39	439	22	688	7
55	Passaic, N. J.	234	18,203	31	111	239	28	341	25	817	17

WAGE EARNERS EMPLOYED, AND PREVAILING HOURS OF LABOR, FOR 210 CITIES  
OF PRODUCTS: 1919.

ESTABLISHMENTS EMPLOYING—continued.								IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—							
101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.		44 and under.		Between 44 and 48.		Between 48 and 54.		Between 54 and 60.	
Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
635	97,050	179	61,700	73	52,340	39	75,771	277,219	36,455	213,463	85,289	13,334	5,429	6,170	1,416
439	66,366	131	45,562	37	57,543	41	118,214	81,265	21,655	144,866	102,549	16,522	23,305	4,284	9,496
337	53,171	117	40,376	40	32,081	20	61,224	40,943	10,245	102,319	54,045	22,591	41,945	6,194	2,823
123	19,530	56	10,037	36	24,194	23	77,550	5,460	7,019	53,344	71,132	12,788	15,159	1,547	567
163	25,830	67	23,260	48	35,805	24	40,120	15,288	9,488	36,548	40,750	10,547	24,945	10764	3,394
137	21,570	59	20,372	28	18,480	9	12,883	15,635	5,358	34,593	23,923	16,780	7,906	2,243	1,481
113	17,705	33	11,592	20	13,567	11	25,897	21,953	5,075	22,669	21,473	7,204	15,085	3,790	565
90	15,278	31	11,521	15	10,107	10	10,043	2,314	1,405	34,598	8,024	12,004	9,712	6,648	1,197
101	15,207	41	14,736	14	9,425	9	14,310	15,132	7,934	46,861	13,398	3,457	534	1,422	21
69	11,352	39	14,039	20	13,646	15	20,795	2,993	3,248	18,782	16,377	8,258	13,053	13818	6,761
97	15,228	31	10,932	15	9,550	6	22,524	25,306	5,592	21,269	19,453	9,908	1,512	733	1,290
86	13,516	30	10,707	25	15,718	11	23,257	3,730	12,240	10,200	4,611	15,013	2,978	705	13
19	3,058	7	2,808	4	3,102	6	51,083	160	21,052	36,736	3,285	1,700	1,760	257	104
113	17,247	39	13,952	12	8,389	1	1,216	8,045	2,556	26,854	21,343	4,013	5,322	1,342	204
40	5,988	19	6,352	1	512	6	11,139	1,876	4,066	15,232	0,288	3,043	5,367	1,941	341
10	1,542	3	1,242	3	2,288	6	15,975	854	808	18,586	362	522	1,289	281	127
13	1,874	3	904	2	1,096	5	11,190	598	615	10,549	1,832	1,180	3,331	2,809	390
38	6,397	10	3,553	5	3,425	1	11,705	22,906	1,483	10,820	909	2,439	98	493	170
59	9,197	26	8,900	8	5,563	9	14,787	3,702	2,033	12,959	14,720	2,328	12,209	1,513	513
37	5,065	22	7,325	9	5,520	7	8,816	3,871	1,336	15,260	0,593	461	4,807	1,443	204
71	11,255	24	8,768	16	12,072	6	17,351	11,176	1,533	36,556	9,374	3,921	863	203	166
42	6,647	15	5,555	7	7,195	5	3,436	1,582	1,093	11,294	1,211	1,464	575	705	23
47	7,258	11	3,820	5	3,122	4	11,514	12,655	1,187	26,007	1,027	12,919	3,400	1,382	350
3	476	4	1,435	—	—	—	4,217	764	—	181	22,597	597	708	439	4
30	4,589	8	2,438	5	3,000	3	19,394	29,812	733	9,068	147	479	552	51	1
57	8,898	21	7,204	6	4,264	10	18,350	1,008	519	22,743	20,472	5,404	2,980	183	63
10	1,673	6	2,439	3	1,990	3	7,104	837	599	11,696	1,412	259	187	—	4
9	1,661	2	2,733	6	6,680	5	8,258	1,605	277	1,121	754	566	3,893	5,892	5,306
8	1,410	3	1,150	2	1,292	3	3,784	1,130	89	1,831	1,716	892	3,183	314	42
24	3,666	11	3,889	6	3,314	3	26,150	17,813	104	14,212	3,712	562	3,312	904	287
56	8,199	17	5,922	6	4,463	1	1,051	28,125	998	2,269	5,024	95	37	87	552
4	684	4	1,284	12	18,022	49	69	26	32,763	4,108	3,870	408	348	36	32
39	6,422	19	6,241	8	4,824	6	12,353	529	306	10,167	13,784	2,705	8,712	2,458	12
21	3,209	15	5,398	4	2,281	13	27,333	9,063	6,886	14,820	11,081	443	441	17	111
45	6,955	10	3,137	4	2,518	3	6,882	2,201	383	8,610	4,434	3,076	8,783	1,985	511
11	1,783	2	658	—	—	1	8,759	107	—	1,501	9,245	245	1,024	135	105
26	4,222	12	4,042	3	2,142	4	8,577	10,999	304	14,285	282	332	480	8	123
28	4,428	6	2,248	5	1,150	1	1,292	1,825	1,531	7,545	4,747	2,431	2,091	971	69
35	5,062	9	3,163	7	4,446	2	5,031	778	737	9,225	5,454	1,482	7,729	1,075	271
7	1,352	8	2,865	3	1,760	9	22,601	19	7	29,068	761	480	—	4	40
37	5,775	11	3,703	6	4,465	2	2,559	2,104	1,690	2,562	2,799	3,775	8,855	2,128	770
34	5,341	8	2,450	4	2,974	2	1,165	2,283	1,165	3,340	9,863	0,962	6,453	1,954	111
8	1,299	18	6,775	22	14,950	7	11,642	229	8	35,968	360	257	176	19	—
26	4,106	11	4,017	5	3,124	1	9,000	1,408	10,456	12,031	2,832	130	486	11	111
4	4,578	2	647	5	3,308	5	7,228	214	088	5,862	7,781	3,038	2,953	719	504
27	4,298	11	3,962	9	6,365	3	6,912	1,476	517	6,987	11,486	3,411	3,729	507	40
28	4,490	14	4,621	8	5,612	—	—	2,449	1,598	8,997	4,535	1,984	2,086	1,397	95
6	874	2	645	—	—	2	2,929	1,255	352	2,671	520	584	241	2,161	05
28	4,023	12	4,138	6	4,368	5	9,134	3,402	472	4,814	3,572	7,065	8,228	457	1,114
4	555	—	—	2	1,113	4	8,004	591	36	3,711	1,079	4,555	85	1,875	50
18	2,929	4	1,116	6	3,396	9	10,064	242	115	27,890	1,180	370	190	9	103
26	4,114	7	2,467	6	4,507	4	10,095	108	41	7,009	3,028	11,828	4,614	1,671	143
13	2,316	6	2,420	2	1,168	5	13,014	13,736	112	7,302	597	535	657	400	8
13	2,904	10	3,670	4	4,475	5	17,400	239	3	394	11,829	3,229	34,257	50	206
5	965	8	2,711	4	2,490	5	9,496	350	261	15,749	1,086	73	546	63	75

TABLE 194.—ESTABLISHMENTS GROUPED ACCORDING TO AVERAGE NUMBER OF SHOWING GREATEST VALUE

CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—								
	Establishments.	Wage earners (average number).	No wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.		
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	
1 Cambridge, Mass.	330	22,550	23	106	259	89	994	35	1,228	33	2,205
2 Birmingham, Ala.	329	17,284	19	123	294	84	1,002	40	1,413	27	1,637
3 New Haven, Conn.	769	30,874	162	340	758	142	1,599	58	1,884	26	1,871
4 Denver, Colo.	1,007	16,635	210	521	1,202	234	2,615	80	2,509	22	1,618
5 Canton, Ohio.	287	20,336	36	105	291	70	751	40	1,304	15	1,072
6 Trenton, N. J.	380	24,547	46	170	366	67	782	34	1,066	24	1,842
7 Wilmington, Del.	262	21,420	24	125	322	40	453	24	824	22	1,610
8 Racine, Wis.	230	15,812	32	81	181	55	649	22	759	15	1,146
9 Hartford, Conn.	504	28,264	61	220	502	114	1,229	47	1,474	27	1,925
10 Brockton, Mass.	217	18,059	8	67	177	54	697	33	1,079	19	1,411
11 Memphis, Tenn.	379	11,963	27	151	364	92	1,036	50	1,652	30	2,225
12 Manchester, N. H.	165	25,512	20	67	165	30	289	19	634	7	458
13 Lorain, Ohio.	55	11,677	9	15	34	18	105	4	111	1	82
14 Atlanta, Ga.	503	15,739	43	171	435	135	1,547	81	2,682	41	3,005
15 Grand Rapids, Mich.	611	25,548	90	240	580	117	1,393	63	2,036	51	3,788
16 Schenectady, N. Y.	131	21,062	21	73	163	19	182	12	423	1	78
17 McKeesport, Pa.	82	11,900	6	46	100	15	152	5	158	3	197
18 Pontiac, Mich.	78	7,682	5	40	98	17	165	6	203	2	180
19 Lansing, Mich.	147	12,349	9	62	151	41	405	12	434	6	661
20 Kenosha, Wis.	84	13,045	8	44	117	9	88	6	201	5	356
21 Tacoma, Wash.	348	10,714	52	154	371	76	837	27	846	16	1,255
22 Bethlehem, Pa.	86	14,061	13	30	78	17	133	6	185	7	504
23 Somerville, Mass.	140	6,111	14	63	177	27	312	13	706	5	348
24 Springfield, Mass.	401	18,429	49	163	435	87	962	37	1,211	22	1,587
25 Haverhill, Mass.	405	15,783	19	133	353	97	1,118	32	2,728	31	2,390
26 Chester, Pa.	127	18,677	8	51	128	23	254	16	517	9	594
27 Dallas, Tex.	457	7,913	63	200	500	116	1,303	43	1,438	17	1,232
28 Woonsocket, R. I.	100	14,387	14	84	102	35	423	15	547	11	800
29 Holyoke, Mass.	176	17,773	10	72	177	27	320	13	414	16	1,110
30 Cedar Rapids, Iowa.	208	6,284	20	110	232	46	474	17	636	7	506
31 New Castle, Pa.	87	8,014	10	40	98	14	168	8	268	1	79
32 Allentown, Pa.	336	14,812	51	123	327	62	703	46	1,389	19	1,356
33 Johnstown, Pa.	149	12,856	11	69	166	38	383	15	402	7	439
34 Chicopee, Mass.	60	10,068	5	21	40	9	99	8	241	7	464
35 East Chicago, Ind.	61	8,957	5	17	25	10	140	3	90	6	486
36 Houston, Tex.	383	9,860	35	161	385	97	1,035	48	1,464	26	1,930
37 Niagara Falls, N. Y.	186	12,238	34	71	180	29	328	15	515	16	1,196
38 Joliet, Ill.	166	11,250	24	68	165	27	331	15	517	10	727
39 Kearny, N. J.	49	14,860	3	15	39	15	174	5	185	2	165
40 Utica, N. Y.	370	16,423	60	158	359	69	824	26	777	20	1,377
41 East St. Louis, Ill.	157	8,785	20	50	138	21	267	21	773	15	1,189
42 Fort Wayne, Ind.	247	16,344	11	107	293	63	646	29	960	14	940
43 Elizabeth, N. J.	226	18,386	33	96	205	37	427	26	852	18	1,344
44 South Bend, Ind.	214	14,792	19	91	233	51	606	23	709	12	788
45 Richmond, Calif.	40	4,305	3	17	36	6	59	4	127	2	160
46 Duluth, Minn.	226	10,472	17	85	213	65	733	23	715	17	1,167
47 Rockford, Ill.	312	14,992	20	119	317	55	663	46	1,387	31	2,233
48 Troy, N. Y.	258	15,020	26	98	246	63	678	27	820	22	1,570
49 Wheeling, W. Va.	243	8,622	37	101	231	58	620	16	536	8	585
50 Nashville, Tenn.	391	10,666	60	139	343	96	1,072	44	1,472	28	1,884
51 Durham, N. C.	74	5,977	6	37	99	16	146	8	198	2	200
52 Erie, Pa.	293	13,207	17	131	301	62	730	35	1,114	16	1,198
53 Hoboken, N. J.	280	15,933	34	113	270	60	703	29	936	23	1,751
54 Evansville, Ind.	209	12,526	21	117	251	60	686	35	1,099	32	2,470
55 Oklahoma City, Okla.	227	4,375	34	101	267	49	544	30	934	8	563

## STATISTICS OF CITIES.

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WAGE EARNERS EMPLOYED, AND PREVAILING HOURS OF LABOR, FOR 210 CITIES  
OF PRODUCTS: 1919—Continued.

ESTABLISHMENTS EMPLOYING—continued.								IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—									
101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.		44 and under.		Be- tween 44 and 48.		Be- tween 48 and 54.		Be- tween 54 and 60.		60.	
Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.
31	4,817	13	4,459	5	2,858	4	5,730	2,175	1,900	12,296	4,523	1,107	410	127	12	1	
25	4,044	5	1,824	3	1,718	3	5,032	243	194	3,066	611	1,795	2,226	6,336	2,703	2	
20	3,169	11	3,801	6	4,199	4	13,593	1,094	495	5,522	15,416	1,112	5,945	9,948	342	3	
22	3,437	2	585	6	4,069	1	1,131	1,335	369	10,422	851	1,792	1,491	248	127	4	
12	1,860	13	4,405	2	1,131	4	9,573	3,878	208	1,383	2,019	1,123	9,911	1,674	140	5	
27	4,792	12	4,016	7	5,187	2	6,496	2,070	499	1,909	6,130	2,899	10,732	211	97	6	
13	1,015	5	1,533	4	2,598	5	12,105	7,897	1,820	5,501	1,245	2,434	1,016	1,046	461	7	
16	2,027	3	1,177	3	2,170	3	7,112	1,784	449	864	751	539	11,405	49	1	3	
18	2,757	9	3,332	1	1,063	5	13,092	845	473	5,889	8,825	8,427	1,759	31	15	9	
21	3,365	6	2,127	7	4,882	2	4,321	106	3,002	13,801	906	174	47	23	—	10	
21	3,322	5	1,586	3	1,778	—	—	179	1,185	2,677	1,525	1,589	1,302	2,230	1,276	11	
7	1,187	7	2,083	3	2,240	5	17,846	55	1	24,638	649	78	3	62	26	12	
2	361	3	1,050	1	739	1	9,105	7	14	4,274	263	311	50	193	6,565	13	
24	3,550	5	1,518	1	775	2	2,227	312	276	3,677	3,653	1,871	4,835	606	956	14	
27	4,588	14	5,087	9	6,081	—	—	323	445	4,338	15,448	1,867	936	177	14	15	
1	153	2	523	—	2	19	540	33	16,588	4,043	264	50	61	23	16		
	3	1,117	2	1,345	2	8,831	826	294	3,202	20	70	514	6,679	6,304	17		
3	400	1	315	2	1,734	2	4,572	6	2,540	4,473	29	74	527	33	18		
5	884	6	2,111	2	1,766	5	5,877	8	330	3,534	7,600	670	85	93	19		
4	737	3	1,292	2	1,290	3	8,964	44	5	673	5,006	184	6,548	583	2	20	
16	2,282	4	1,401	3	2,525	1	1,174	1,078	1,783	6,856	99	46	849	1	2	21	
6	1,127	6	2,014	—	1,103	300	11,221	405	25	1,157	1,348	1,183	314	19	686	27	
4	679	1	369	1	680	2	2,830	459	106	3,728	1,267	264	232	34	21	23	
23	3,407	11	3,250	7	4,556	2	2,072	1,124	37	14,616	1,376	485	278	13	—	24	
31	4,742	11	3,661	1	789	—	—	1,004	10,318	2,320	1,152	605	96	276	3	25	
10	1,517	6	1,962	1	775	3	12,930	11,595	313	827	1,137	1,980	2,070	443	312	26	
14	2,214	4	1,224	—	—	—	—	405	264	2,611	1,157	2,377	253	347	499	27	
10	1,675	13	4,428	7	4,783	1	1,566	183	86	9,989	1,443	2,541	144	—	28		
26	4,019	4	1,402	4	2,627	4	7,704	2,270	10	10,816	4,589	86	2	—	29		
5	852	—	—	1	824	2	2,820	10	52	4,303	297	743	205	400	263	30	
6	1,136	3	1,009	3	2,132	2	3,034	3,403	760	827	827	147	313	2,089	19	31	
24	3,893	9	3,189	1	524	3	3,431	1,526	197	1,045	5,605	1,907	3,921	583	38	32	
4	617	2	723	2	1,379	1	8,486	120	3	8,884	77	493	453	1,433	1,392	33	
4	636	2	742	2	1,117	2	6,439	66	—	2,185	5,027	2,779	14	3	34		
9	1,322	4	1,350	7	5,544	—	—	792	176	870	2,411	9	528	2,055	2,118	35	
13	2,104	1	323	1	875	1	1,744	653	393	4,870	576	1,491	285	571	1,021	36	
9	1,404	5	2,010	5	3,766	2	2,839	45	—	1,766	6,947	1,032	2,083	354	11	37	
11	1,968	8	2,872	1	513	2	4,166	586	7	3,691	684	443	731	1,608	3,509	38	
2	300	1	409	2	1,528	3	12,090	7,133	42	5,813	1,700	42	99	31	—	39	
16	2,442	7	2,407	6	3,990	3	4,247	920	64	10,345	1,790	2,159	987	158	—	40	
13	1,921	5	1,636	2	1,314	1	1,595	311	—	4,170	690	676	2,046	751	141	41	
15	2,781	—	—	5	3,231	3	7,484	859	1,260	7,377	4,285	882	1,094	847	240	42	
8	1,226	3	962	2	1,304	3	12,066	854	114	6,013	9,858	984	413	90	60	43	
8	1,065	6	2,272	1	863	3	8,240	704	1,004	4,113	3,892	615	4,030	102	182	44	
5	768	2	771	—	1	2,394	248	1	3,919	—	—	137	—	—	—	45	
14	2,109	3	892	2	5,720	2	4,643	286	235	4,926	702	1,031	467	972	1,853	46	
20	2,905	8	2,721	7	4,720	—	—	452	9	978	6,718	337	5,762	616	120	47	
11	1,670	3	1,294	4	2,544	2	7,101	696	5,902	2,263	4,694	1,380	787	180	27	48	
14	2,321	6	2,100	3	2,229	—	—	1,358	16	4,293	864	1,176	284	217	414	49	
20	3,179	6	2,021	1	746	—	—	411	51	2,766	1,120	2,439	2,470	1,005	404	50	
1	137	—	—	2	1,892	2	3,305	1	—	119	3,300	485	1,783	254	26	51	
17	2,682	5	3,074	5	2,924	1	1,274	480	612	3,027	1,279	1,020	3,925	2,919	35	52	
8	1,101	8	2,662	2	1,627	3	6,881	1,536	416	9,540	4,175	149	90	22	5	53	
23	4,220	6	1,088	2	1,143	1	1,569	358	282	2,604	1,816	2,921	3,893	501	151	54	
3	525	1	272	—	1	1,271	188	272	2,504	330	594	173	182	132	55		

TABLE 194.—ESTABLISHMENTS GROUPED ACCORDING TO AVERAGE NUMBER OF SHOWING GREATEST VALUE

CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—									
	Estab- lish- ments.	Wage earners (aver- age number).	No wage earners.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		51 to 100 wage earners, inclusive.	
			Estab- lish- ments.	Wage earners.	Estab- lish- ments.	Wage earners.	Estab- lish- ments.	Wage earners.	Estab- lish- ments.	Wage earners.	Estab- lish- ments.	Wage earners.
1 Washington, D. C.	595	10,482	132	234	505	143	1,577	48	1,685	20	1,353	
2 Quincy, Mass.	162	19,653	19	77	238	51	575	7	178	2	119	
3 Springfield, Ohio.	206	12,204	27	70	201	42	445	25	704	14	1,068	
4 New Britain, Conn.	116	17,212	9	49	101	26	288	12	398	3	178	
5 Middletown, Ohio.	56	6,442	5	19	48	11	139	6	206	6	400	
6 Harrison, N. J.	63	13,026	6	23	51	11	143	6	242	6	481	
7 Des Moines, Iowa.	379	7,085	62	141	327	85	988	54	1,767	24	1,643	
8 York, Pa.	273	13,368	38	86	221	59	745	39	1,360	22	1,588	
9 Hammond, Ind.	94	6,065	10	40	80	16	186	8	294	7	506	
10 Fitchburg, Mass.	121	9,907	8	40	103	24	267	13	431	16	1,203	
11 Chattanooga, Tenn.	281	10,588	12	114	240	68	814	34	1,108	20	1,342	
12 Cicero, Ill.	92	14,754	11	39	58	19	239	9	268	5	370	
13 Macon, Ga.	135	6,457	4	59	164	25	275	19	656	10	715	
14 Peoria, Ill.	253	7,977	38	95	263	64	782	28	953	16	1,197	
15 Battle Creek, Mich.	118	6,680	18	53	126	21	238	10	332	3	106	
16 Muskegon, Mich.	141	9,716	23	61	189	19	226	12	423	11	702	
17 Scranton, Pa.	311	14,467	34	98	244	79	915	40	1,356	27	1,930	
18 Altoona, Pa.	64	12,800	6	30	66	12	137	9	289	2	147	
19 Peabody, Mass.	91	8,018	5	23	64	17	100	20	632	11	837	
20 Amsterdam, N. Y.	117	10,713	14	54	105	18	192	7	248	3	241	
21 Harrisburg, Pa.	216	10,522	30	95	210	39	412	20	616	14	1,058	
22 Knoxville, Tenn.	194	11,384	10	61	148	55	612	29	953	19	1,380	
23 St. Joseph, Mo.	219	5,943	23	95	233	48	474	23	743	12	884	
24 Jackson, Mich.	156	9,620	8	70	186	37	428	17	588	8	608	
25 Nashua, N. H.	92	8,204	3	41	79	10	165	12	412	6	363	
26 Fresno, Calif.	223	3,908	32	125	203	35	364	17	613	7	476	
27 Taunton, Mass.	107	8,981	11	78	127	16	168	27	953	13	947	
28 Lancaster, Pa.	285	9,444	47	103	265	72	759	27	956	14	994	
29 Norwood, Ohio.	70	8,283	5	30	88	6	76	5	152	2	172	
30 Ansonia, Conn.	50	6,102	12	24	87	3	23	2	59	2	145	
31 Watertown, Mass.	25	8,420	2	7	19	4	50	3	80	1	60	
32 Hamilton, Ohio.	130	8,553	19	49	116	27	290	13	438	6	424	
33 Kalamazoo, Mich.	185	7,629	20	71	176	47	543	14	521	12	840	
34 Topeka, Kans.	169	5,597	17	77	164	43	491	21	680	7	479	
35 Albany, N. Y.	382	11,216	53	175	408	74	811	39	1,293	16	1,184	
36 Ottumwa, Iowa.	94	2,601	8	46	101	22	252	11	337	3	244	
37 Moline, Ill.	61	5,444	3	17	40	15	163	6	178	7	500	
38 Butler, Pa.	77	3,744	9	37	91	20	255	4	95	—	—	
39 Superior, Wis.	94	6,162	7	45	101	21	245	10	203	3	172	
40 Casper, Wyo.	43	1,886	3	23	33	13	123	—	—	1	90	
41 Saginaw, Mich.	208	9,472	17	86	218	50	574	19	647	12	945	
42 Charlotte, N. C.	111	5,161	5	25	67	32	384	21	703	16	875	
43 Granite City, Ill.	37	5,493	8	12	31	5	58	4	115	1	72	
44 New Brunswick, N. J.	138	7,673	18	64	128	19	202	11	372	10	783	
45 Tampa, Fla.	203	13,079	43	102	220	51	484	26	844	10	602	
46 Wilkesbarre, Pa.	179	9,408	17	90	226	31	332	16	524	13	885	
47 Terre Haute, Ind.	257	6,458	31	134	298	45	493	24	800	9	672	
48 Chicago Heights, Ill.	103	5,328	11	36	59	16	173	24	1,131	—	—	
49 Williamsport, Pa.	145	8,506	12	53	147	31	389	19	577	8	622	
50 Pittsfield, Mass.	90	8,570	8	47	109	12	127	6	178	6	409	
51 Auburn, N. Y.	154	7,272	15	80	178	29	341	12	868	5	358	
52 Binghamton, N. Y.	228	7,477	22	112	202	36	380	24	834	17	1,205	
53 Garfield, N. J.	56	5,025	7	23	48	10	114	6	192	3	221	
54 Spokane, Wash.	364	4,752	51	200	472	73	816	20	660	7	505	
55 Stamford, Conn.	116	7,939	13	52	116	16	169	14	497	11	790	

WAGE EARNERS EMPLOYED, AND PREVAILING HOURS OF LABOR, FOR 210 CITIES  
OF PRODUCTS: 1919—Continued.

ESTABLISHMENTS EMPLOYING—continued.								IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—								
101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.		44 and under.		Be- tween 44 and 48.		Be- tween 48 and 54.		Be- tween 54 and 60.		
Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.									
12	1,828	4	1,345	1	751	1	1,348	1,900	268	5,144	518	269	1,859	147	377	1
2	271	1	267	1	887	2	17,118	17,789	3	1,157	320	381	3	3	2	
19	3,073	4	1,304	4	2,451	1	2,928	174	11	1,360	2,416	395	7,670	214	24	3
4	643	4	1,721	3	2,754	6	11,129	87	5	176	225	129	13,924	2,650	16	4
6	904	1	373	.....	.....	2	4,372	5	.....	3,380	1,698	46	612	128	673	5
5	770	.....	2	1,051	4	10,288	102	2,044	4,135	3,170	3,071	504	.....	.....	6	
12	2,008	1	352	.....	.....	338	437	2,897	700	1,789	506	201	67	7		
18	2,460	8	2,808	1	953	2	3,245	25	61	995	1,520	3,607	4,360	2,719	81	8
8	1,410	3	1,205	1	726	1	1,640	636	15	545	1,043	583	2,022	124	97	9
7	1,172	8	2,805	4	2,541	1	1,305	30	10	6,725	2,044	424	652	22	.....	10
27	4,620	5	1,740	1	715	.....	33	71	3,739	665	2,172	1,883	1,506	519	11	
6	925	2	1,572	1	11,322	727	9	11,773	1,030	48	1,267	.....	.....	12		
12	2,064	5	1,483	1	1,090	260	.....	2,217	312	227	1,996	721	724	13		
13	2,220	3	823	.....	.....	1	1,739	576	440	2,319	950	2,436	739	343	174	14
6	1,155	3	1,118	2	1,347	2	2,168	40	31	733	185	423	3,003	2,051	214	15
7	1,090	5	1,715	1	513	2	4,818	345	8	716	228	3,777	4,239	296	112	16
22	3,616	4	1,474	6	3,903	1	1,129	877	195	5,697	6,862	503	165	16	152	17
10	1,543	3	959	1	789	1	2,999	250	79	6,745	397	540	2	.....	19	
9	1,271	4	1,374	6	4,332	2	2,050	358	9	2,261	3,899	3,631	170	385	.....	20
11	1,967	3	942	2	1,471	2	3,846	76	29	4,033	1,528	1,202	1,003	310	2,281	21
11	1,833	4	1,185	3	1,660	2	3,313	145	33	2,400	659	920	5,632	1,243	352	22
12	1,811	6	1,708	.....	.....	385	389	2,151	1,580	373	632	258	175	23		
7	1,166	3	1,168	4	2,648	2	2,828	13	5	1,144	5,421	928	1,916	187	6	24
9	1,403	1	289	3	1,078	1	3,585	62	13	2,503	1,704	3,617	334	26	5	25
5	867	1	255	.....	.....	1	1,035	1,380	93	1,315	78	90	56	802	89	
12	1,725	6	2,154	3	1,761	1	1,146	66	41	5,313	1,831	731	921	76	2	27
14	2,180	4	1,404	3	1,882	1	1,004	346	50	564	2,635	1,012	3,769	159	9	28
11	1,719	6	1,027	4	3,019	1	1,130	146	898	3,808	2,030	272	521	4	4	29
4	645	.....	2	1,387	1	3,783	928	.....	43	623	15	4,478	13	2	30	
3	537	3	951	.....	.....	2	6,723	2	2	8,012	362	42	.....	.....	31	
7	1,081	4	1,207	2	1,212	3	3,755	605	596	4,661	667	225	1,760	39	.....	32
16	3,035	4	1,384	1	1,130	519	300	1,442	3,230	1,068	930	125	15	33		
1	121	1	319	1	698	1	2,665	79	15	1,493	451	388	2,859	194	118	34
18	3,214	4	1,210	1	644	2	2,507	254	380	6,506	1,400	2,101	308	262	5	35
3	450	.....	1	217	.....	1	1,217	.....	.....	1,405	665	403	21	73	34	
8	1,193	2	798	2	1,645	1	1,027	636	38	166	3,514	353	670	185	33	
5	773	1	380	.....	.....	1	2,150	1	.....	131	2,452	285	242	628	55	
4	719	1	416	1	643	2	3,573	60	63	5,100	52	265	57	530	29	
1	153	1	418	.....	.....	1	1,069	154	.....	215	1,514	1	2	40		
19	2,992	1	438	2	1,260	2	2,398	110	52	1,905	4,251	1,913	879	343	19	
10	1,333	1	255	1	1,699	.....	81	3	374	74	389	2,197	1,605	438	42	
1	174	1	258	4	3,142	1	1,043	19	81	4,098	209	110	999	27		
8	1,170	4	1,357	3	1,943	1	1,718	1,509	95	925	3,383	672	878	104	107	
16	2,830	12	4,028	1	642	2	3,339	1,498	260	3,898	2,579	2,680	491	1,270	403	
2	280	4	1,400	4	3,219	2	2,542	196	1,030	4,020	3,319	722	38	34	40	
11	1,705	2	742	.....	1	1,748	44	3	3,107	1,338	770	547	344	305		
12	2,187	3	1,281	1	537	123	433	1,394	821	1,155	1,087	250	65			
15	2,411	5	1,515	2	2,905	354	5	2,263	2,041	1,742	1,590	280	282			
4	581	5	1,811	1	835	1	4,520	19	7,933	494	27	82	15	50		
4	679	5	1,945	2	1,256	2	2,122	75	44	351	6,475	231	23	56	17	
10	1,560	6	2,252	1	984	230	115	507	4,555	1,525	517	15	13	52		
2	349	1	377	3	2,818	1	1,406	742	3,595	205	491	31	1	1	53	
11	1,600	2	690	.....	.....	171	31	3,793	66	472	148	14	57	64		
6	843	2	679	1	636	1	4,209	639	19	832	5,513	402	524	4	0	55

TABLE 194.—ESTABLISHMENTS GROUPED ACCORDING TO AVERAGE NUMBER OF SHOWING GREATEST VALUE

CITY.	Establishments.	Wage earners (average number).	ESTABLISHMENTS EMPLOYING—								
			TOTAL.		1 to 5 wage earners, inclusive.		6 to 20 wage earners, inclusive.		21 to 50 wage earners, inclusive.		
			Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	
1 Anderson, Ind.	99	7,928	4	42	111	19	183	16	527	8	670
2 Gloversville, N. Y.	206	5,112	15	65	161	58	716	40	1,371	12	796
3 Kokomo, Ind.	98	6,727	5	51	104	24	318	4	118	1	94
4 Decatur, Ill.	103	5,633	10	36	87	20	245	15	556	12	891
5 Wichita, Kans.	238	3,045	50	103	208	59	656	12	412	7	488
6 Fort Worth, Tex.	229	4,452	20	100	273	65	721	27	832	9	704
7 Jamestown, N. Y.	153	8,559	15	49	139	19	216	34	1,133	16	1,124
8 Easthampton, Mass.	28	4,142	4	10	18	6	52	2	80	2	160
9 Huntington, W. Va.	115	6,550	6	38	96	35	444	17	511	6	500
10 Michigan City, Ind.	47	3,452	7	17	32	11	143	3	85	6	441
11 Augusta, Ga.	93	5,156	6	29	66	23	280	11	372	13	969
12 Portsmouth, Ohio.	60	5,914	9	24	73	9	83	9	287	3	228
13 West Allis, Wis.	34	6,970	1	9	24	7	81	2	58	4	352
14 North Adams, Mass.	65	6,023	11	20	55	15	152	5	175	1	51
15 Everett, Mass.	104	4,523	4	35	98	24	203	21	623	16	706
16 Columbus, Ga.	74	8,087	6	19	44	20	234	12	383	3	184
17 Waterloo, Iowa.	161	4,620	18	72	101	35	422	21	712	7	471
18 San Antonio, Tex.	318	6,014	33	155	384	70	775	33	1,057	16	1,071
19 Rome, N. Y.	71	4,428	12	23	61	15	168	8	275	4	256
20 Roanoke, Va.	99	7,740	2	43	105	29	333	11	303	6	446
21 Attleboro, Mass.	144	6,703	9	45	109	29	332	22	724	21	1,448
22 Dubuque, Iowa.	131	6,147	8	58	151	20	324	19	653	7	459
23 Meriden, Conn.	162	8,794	20	70	104	31	389	13	394	10	655
24 Sacramento, Calif.	304	6,341	50	108	364	60	660	15	432	3	209
25 Elmira, N. Y.	142	8,024	7	79	178	18	196	19	587	2	116
26 Wyandotte, Mich.	26	6,214	3	12	23	3	37	...	...	1	67
27 Salt Lake City, Utah.	415	6,302	65	211	483	85	612	33	1,028	19	751
28 Muncie, Ind.	121	6,559	10	53	138	20	212	14	483	10	719
29 Alliance, Ohio.	74	5,117	13	34	75	9	66	2	207	1	89
30 Davenport, Iowa.	219	3,928	17	117	276	47	517	19	666	8	551
31 Chelsea, Mass.	123	6,580	12	48	103	31	355	19	642	3	175
32 Olean, N. Y.	66	4,669	8	22	33	14	169	11	308	2	117
33 Mansfield, Ohio.	132	4,711	18	53	120	33	379	8	264	3	560
34 Sheboygan, Wis.	160	6,467	11	67	151	34	385	22	802	3	542
35 Plymouth, Mass.	31	2,971	3	13	29	5	53	3	105	4	316
36 Jacksonville, Fla.	244	7,168	27	104	258	64	745	29	1,005	6	462
37 Alton, Ill.	60	3,236	5	28	70	11	115	6	141	4	337
38 Steubenville, Ohio.	57	3,855	3	26	65	17	172	3	94	1	71
39 Bristol, Conn.	68	7,592	5	37	67	8	103	5	171	1	77
40 Stockton, Calif.	208	3,534	11	138	329	34	364	12	416	7	452
41 Berlin, N. H.	25	4,236	2	18	40	5	44	2	(3)	...	...
42 Salem, Mass.	153	5,072	12	56	121	39	487	26	816	9	665
43 Clinton, Iowa.	119	3,452	17	50	97	25	208	12	381	6	430
44 Danville, Va.	44	5,827	3	12	31	14	147	5	267	3	216
45 Aurora, Ill.	133	6,608	17	47	100	35	383	18	494	5	336

WAGE EARNSERS EMPLOYED, AND PREVAILING HOURS OF LABOR, FOR 210 CITIES  
OF PRODUCTS: 1919—Continued.

ESTABLISHMENTS EMPLOYING—continued.							IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE—									
101 to 250 wage earners, inclusive.		251 to 500 wage earners, inclusive.		501 to 1,000 wage earners, inclusive.		Over 1,000 wage earners.		44 and under.	Be- tween 44 and 48.	Be- tween 48 and 54.	Be- tween 54 and 60.	Be- tween 54 and 60.	Over 60.			
Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.	Establish- ments.	Wage earners.									
3	371	4	1,416	2	1,211	1	3,439	7	13	3,760	1,231	169	2,453	253	42	1
14	2,026	2	542					217	240	401	1,509	1,823	1,100	254	2	2
6	1,078	3	1,202	2	1,376	2	2,377	5	1,081	1,580	653	1,505	647	1,244	12	3
7	1,054				1,495	1	1,365	84	37	1,758	845	1,476	343	1,041	109	4
5	870	2	611					131	10	1,181	526	585	273	254	85	5
6	922	1	260	1	631			493	18	1,530	164	1,149	678	280	140	6
12	1,893	4	1,378	4	2,070			8	80	3,206	108	4,718	389	44	6	7
1	193				1,202	1		5		4,027	45	14	10	41		8
9	1,251	1	411	2	1,130	1	2,213	272	141	2,380	972	907	546	1,285	53	9
1	249	1	449			1	2,053	2	2,160	550	68	517	14	39	10	
5	698	5	2,020	1	742			22	4	832	13	595	2,622	449	619	11
2	292	1	277	2	1,540	2	3,134	4		113	2,481	29	1,454	1,824	9	12
6	944	3	872	1	855	1	3,784	14	208	4,828	56	105	1,615	27	13	
4	611	6	2,227	1	592	2	2,100	29		5,291	74	428	201		14	
0	1,083	3	1,185	1	635			69	645	1,609	1,691	143	360	6		15
5	934	4	1,695	3	1,814	2	2,799	16	19	554	643	128	5,946	516	265	16
5	841	1	378	2	1,635			8	688	784	139	1,743	999	186	73	17
7	1,054	2	741	2	1,532			90	166	2,584	1,397	805	809	303	455	18
5	784	1	260	2	1,379	1	1,299	18		315	3,672	189	39	295		19
4	366	1	493	1	787	2	4,647	162	2,977	1,112	683	246	1,849	554	177	20
15	2,405	2	743	1	942			44	16	4,200	2,030	118	290		5	21
5	886	2	697	2	1,654	1	1,323		1,390	448	525	2,902	503	379		22
7	1,250	6	1,978	4	2,880	1	1,084	309	19	365	1,279	156	6,576	16	74	23
1	182	4	1,372	2	1,269	1	1,913	225	39	4,773	71	468	77	649	39	24
9	1,506	0	1,970	1	636	1	2,785	35	206	4,023	1,762	1,604	326	15	53	25
3	471	2	650			2	4,966	2		5,037	662	23	22	468		26
7	1,129	2	632	2	1,427			759	469	3,468	485	243	888	12	38	27
6	1,247	2	829	2	1,060	1	1,271		131	764	1,005	205	2,310	2,028	116	28
3	503	3	1,068	2	1,508	1	1,392	460		989	1,465	387	1,751	38	27	
9	1,236	2	682					374	13	641	350	897	499	970	134	30
9	1,381	3	1,043	2	1,719	1	1,102	112		3,364	2,623	458	22		1	31
6	1,070	1	255	1	576	1	2,141	34		3,369	417	814	11	24		32
8	1,268	2	852	2	1,262			327	294	138	1,832	29	2,076	45		33
11	1,627	5	1,830	2	1,130			42	8	150	865	1,243	1,586	2,070	503	34
1	223	1	460			1	1,706			1,073	5	1,887		6	35	
8	1,363	2	542	4	2,708			57	18	4,474	282	520	329	934	595	36
5	804					1	1,760	1,774		289	293	641	193	42	4	37
4	677	2	710			1	2,060	475		144	505	106	2,060	143	422	38
7	1,038	1	327	3	2,264	1	3,558	23		34	3,736	375	3,406	15	3	39
4	710	1	264	1	1,000			269	43	2,989	6	75	138	8	21	40
1	1	498			2	8,501				4,213	10	1		3	41	
6	901	3	908	1	720	1	1,048	1,090	313	3,079	460	724			42	
6	880	2	709	1	621			5	194	1,625	288	771	491	79	4	43
2	347	1	280			1	4,530	147		51	19	5,365	193	52	44	
8	1,305	3	844	2	1,387	1	1,750	172	21	1,674	3,874	219	768	70	10	45